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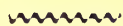
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LONDON: 42 CANNON STREET, E.C.
SATURDAY, JUNE 17, 1899.

Businesses for Disposal
Businesses Wanted
Premises to Let
Auction Sales

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For Bargains see last page of this Supplement.

Partnerships
Situations Vacant
Situations Wanted
Miscellaneous

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3.—**WEST OF ENGLAND.**—First-class Retail and Dispensing Business; 1,500 new prescriptions yearly, at excellent prices; low rent; capital house with garden and greenhouse; price £700; worth attention.

4.—**MIDLAND COUNTY.**—Light Retail, Dispensing, and Prescribing; returns £1,400, with excellent profits; not much opposition; cheap rent, on lease; price £550.

5.—**WEST OF ENGLAND.**—Cash Drug Store; good-class trade; returns £1,328; profits 30 per cent.; price £500; valuation terms could be arranged.

6.—**SUFFOLK COAST.**—Good-class Retail and Dispensing; full prices; returns £500; net profit £200; handsome front; good house and garden; price £450; owner retiring after 35 years.

7.—**WILTSHIRE.**—Practically unopposed Business, doing £10 weekly by young assistant; expenses nominal; plenty of scope for increase; price £250.

8.—**SUFFOLK.**—Unopposed Business; very profitable Retail and Prescribing; low rent; good house; modern shop; returns £450, ought to do £700; price £270.

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DEVONSHIRE.—Good-class Chemist's Business, with Mineral-water Factory if required; returns £800; well fitted and nicely stocked; rent £25, on long lease; nice 6-roomed house; price £650. [437]

DEVONSHIRE.—Retail and Dispensing Business, returning about £300 under manager, for immediate Sale; rent £20; price £300, or offer; satisfactory reasons for selling; open to considerable increase, as huge building works are being carried out near by. [435]

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NORTH OF ENGLAND HEALTH RESORT.—First-class Dispensing and Retail Business, returning £1,250 under management; open to every investigation; handsome shop and good house; price £1,000. [391]

LONDON, N.—Light Retail and Dispensing, in good healthy locality, returning over £400, at a net profit of £125; rent £55 on lease; stock and fixtures cost £480; will sacrifice for £350 to immediate purchaser. [423]

MIDLANDS (Manufacturing town).—Light middle-class old-established Business, returning about £1,000, with net profit of £250; corner shop, nicely fitted, large stock; very low rent; price £500 only. [421]

NORTH OF ENGLAND (First-class town).—Good-class Dispensing and Homoeopathic; returns £300; profit £180; double-fronted shop; price £400. [405]

LONDON, E.—General Retail Business; returning £550; newly fitted; rent £60; 18 years' lease; good 8-roomed house; price £500. [403]

Particulars of either of the above free on application.

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DERBYSHIRE.—Good Cash Retail for Sale, with Dentistry and good Speciality trade. Also nice old-established Mixed Country Retail, with good house; price about £500. Also Light Retail with Wholesale attached, in good market town; only bona-fide buyers need apply; good reasons for disposal; no agents. "Verax" (184/4), Office of this Paper.

EAST COAST (rising health-resort).—Old-established good-class Retail and Dispensing Business; returns under feeble management £500, at full prices, scope for large increase; low rent, good house with garden; shop is well fitted and stocked; price £450, or offer; season about to commence. 186/13, Office of this Paper.

GLOUCESTERSHIRE.—Fashionable town and health-resort; nice corner premises; position commands business; mahogany fitted; Light Retail, Dispensing, and Prescribing; owner retaining proprietaries; same holds 22 years, last 2 years as branch under manager; price £350, on lease. "Beldere" (183/23), Office of this Paper.

HOME COUNTY.—Ready-money Retail Dispensing and Prescribing Business, carried on entirely under management; returns are £2,570, making a gross profit of 30 per cent., and the working expenses very low; vendor having other business will accept valuation of stock and fixtures, £800 to £900. 186/12, Office of this Paper.

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LANCASHIRE.—Seaside town, fashionable health-resort; Light Retail, Prescribing, and Dispensing Business; large, double-fronted and well-fitted shop; good house attached; returns about £500; growing neighbourhood; exceptionally good opening for Mixed Drysalting trade, by which the business could be greatly enlarged; ill-health sole reason for disposal; price about £400 or valuation. "Seaside," c/o Messrs. Evans, Sons & Co., Liverpool.

LIVERPOOL.—A genuine Light Retail and Dispensing Business in a growing suburb; satisfactory reasons for disposal; price very moderate; returns over £11 per week; well-fitted, and good stock. Apply, "Morphia," c/o Evans, Sons & Co., 56 Hanover Street, Liverpool.

LONDON, E.C. (Close to City).—A very valuable old-established Retail Business for Sale, through death; very busy position; large turnover, net average nearly £900 a year for past six years; conducted by late owner for about 40 years; now capable of great improvement; lease 11 years; very low rent, £75 (worth double); no credit and no book-debts; price £2,000 (part might remain). Write only to "Executor," c/o Messrs. Charles Barker & Sons, 8 Birchlin Lane, E.C.

LONDON, W.—A small Business, capable of improvement in energetic hands; established 27 years; owing to illness of proprietor lately rather neglected; knowledge of French and foreign pharmacy desirable. Address, E. R. (182/23), Office of this Paper.

LONDON, S.E.—Exceptional circumstances compel Advertiser to relinquish most promising Business in suburbs; only opened four months, and average returns for last 12 weeks £10 per week; must increase by bounds; pushing man should soon double returns; adjacent to first-class residential property and in a neighbourhood where hundreds of houses are in course of erection; no opposition within three-quarters of a mile and no shop accommodation; probably no better opening in the suburbs of London; shop attractively fitted and freshly and well stocked; excellent modern house, five bedrooms, bath (hot and cold), drawing-room, parlour, and usual offices, electric bells, and every convenience, good garden, nice bracing air, low rent, and favourable terms of tenancy; record of sales from beginning and every investigation offered to bona-fide purchaser; price £500; no agents need apply; references required. "Beta," (182/19), Office of this Paper.

LONDON, S.W.—Very profitable Cash Retail and Dispensing Business, in main road; returns about £1,400; price £950; held on lease at low rent. Full particulars on application to "Cero Flab," c/o Messrs. Newbery & Son, 1 King Edward Street, E.C.

MIDLANDS.—One of the most fashionable Businesses in the Midlands; returns over £1,800, steadily increasing; highest-class Dispensing; beautifully-fitted shop. For particulars apply, giving Banker's Wholesale references, to 183/38, Office of this Paper.

NORTH OF ENGLAND (near Newcastle).—For Sale, old-established Chemist's Business, with Wines and Spirits; also Branch; for valuation, about £1,100 and £300, together or separately; lump sum £1,350 to immediate purchaser; best position; good paying specialities; owner leaving the trade. Further particulars from W. H., Talbot Hotel, Whitby, Yorks.

RETTFORD.—An old-established Chemist's Business must be sold at once on account of the death of the son of the late H. Harvey; principal thoroughfare; good house attached; splendid opportunity for young man commencing business to get in on easy terms.

SOUTH-WESTERN COUNTY.—Small town; Light Retail and Prescribing Business; selling through serious illness; returns £10 weekly; profits about half; rent £30 for shop and house; price £275, including furniture sufficient for single man; £100 could remain. Apply, 186/11, Office of this Paper.

SOUTH COAST.—Very old-established Light Retail, Dispensing, Prescribing, and Photographic; rent, on lease, £30; returns about £750; exceptionally large profits; good reasons for disposing. Apply, "Cortex" (182/38), Office of this Paper.

SOUTH COAST (Fashionable Health-resort).—First class Business, returns averaging £1,200, to be sold at once; owner going abroad; good premises; price £900 cash. Apply, "Beetive" (185/1), Office of this Paper.

STAFFORDSHIRE POTTERIES.—For Sale, a Light Retail Business with Branch; a splendid opening for a man with energy, and one who would introduce the more modern system of trading; proprietor retiring. For price and particulars apply, W. Hardie, Chemist, Shelton, Stoke-on-Trent.

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A SPLENDID opportunity for one or two smart up-to-date men; handsome modern Pharmacy, established 5 years; rent £60, on lease; good house, cellarage, and stabling; capable of immense development, and only wants seeing; very healthy and rapidly-increasing neighbourhood; owner retiring. Apply, Hugh Edgson, Chemist, Forest Gate, London.

BUSINESS, Wholesale and Retail, Druggist and Drysalting, for Sale; capital £2,000. Address, Box 181, Sell's Advertising Offices, London.

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GENUINE Light Retail in growing suburb of Midland county town; returns £5 5s. per week increased from £2 10s. in 15 months; rent and rates £26; good profits; no old stock; convenient house; small garden; price £150, or value of stock and fixtures. Apply, "Major" (185/16), Office of this Paper.

TO Chemists and Dentists.—Old-established Business; fair Retail, good Wholesale, and rapidly-improving Dental; profits £450; rent £60 (2 houses); price £900 (part could remain), or Partnership entertained; owner retiring through age (75). Apply, "Bargain" (182/16), Office of this Paper.

£260 (part can remain) for a brisk Drug and Prescribing Business, on main road, near Manchester; price asked is about the valuation of stock and fixtures only; established 17 years; over 1,100 customers served weekly; large Trusts connection; guaranteed profits over £7 per week; no opposition; large population; low expenses; preference given to those coming to inspect; special terms to cash buyer. Apply, "Radix" (35/23), Office of this Paper.

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SITUATIONS OPEN.

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Advertisers whose Announcements appear under this heading can make arrangements to see applicants for the situations at our Offices, by giving a few days' notice to
THE PUBLISHER, 42 Cannon Street, E.C.

RETAIL.

BATH—Wanted, immediately, a Junior Assistant with Dispensing experience; one only kept. Partington, Chemist, 2 Beaufort West, Bath.

BATH—Junior by July 12; time will be allowed for study. State experience, age, height, salary required to G. T. Kingston, 37 Livingstone Road, Oldfield Park, Bath.

BATH—Wanted, at once, a Second Assistant in a select Dispensing business; qualified preferred. Apply, stating age, height, and salary (indoors) to E. Whiston & Co., St. James's Square, Bath.

BIRMINGHAM—Immediate, Junior for Mixed trade (outdoors). Apply, with references, when disengaged, &c., Johnson, Chemist, Ludypool Road, Birmingham.

BIRMINGHAM—Smart unqualified Assistant; photo. Particulars as to previous engagements, and salary required, to Hedges & Son, Chemists, Birmingham.

BIRMINGHAM (near)—A smart Junior wanted, for Light Retail and Prescribing business. Apply, stating salary required, references, and photo, if convenient, to Bolesworth's Drug Stores, Alum Rock Road, Salford, Birmingham.

BRIDGNORTH—Junior Assistant wanted; indoors; hours of business 8.30 to 8 P.M., Saturdays till 10 P.M., weekly half-holiday from 2 P.M. Apply, with photo, if convenient, stating usual particulars and references, Deighton & Smith, Pharmaceutical Chemists, Bridgnorth.

BRIGHTLINGSEA—Junior wanted, immediately. Apply, stating age, height, salary required, references, with photo, to Cooper, Chemist, Brightlingsea.

BRIGHTON—Vacancy for Junior in high-class Dispensing business; liberal salary to smart energetic man; applicants are requested to state previous experience and other usual particulars, enclosing photograph, if convenient. Kilby Pears & Son, Ph. Chemists, Brighton.

BRISTOL—Wanted, a Junior (indoors), at once; state salary and full particulars, with photo if convenient. Apply, John Evans, Temple Gate, Bristol.

BUXTON—Wanted, immediately, Junior Assistant, accustomed to good-class Dispensing business; indoors. State salary, when at liberty, with photo and particulars, to A. Thresh, Buxton, Derby.

CANTERBURY—Junior, about 20; outdoors; used to good-class country business, with knowledge of Photographic goods preferred. Enclose photo and full particulars, including salary, to Edwin Bing & Son, Pharmaceutical Chemists, Canterbury.

CAPE COLONY—Wanted, good Assistant, of gentlemanly address, well up in Dispensing, energetic, able to take charge of Branch, understands bookkeeping, and able to make out accounts; aged about 27; M1 or qualification; Englishman; salary, first year, £150; second, £160; third, £160, and 2½ per cent. commission on cash sales; lodging found; second-class passage paid out; 3 years' agreement; required to start middle July. Candidates must hold undeniable references. Address, "Cape," Messrs. Evans, Lecher & Webb, 60 Bartholomew Close, London, E.C.

CARDIFF—Second Counter hand wanted; must be quick, obliging, and neat able counterman; good Tooth Extractor desirable; salary out-of, from 30s. to 35s. week. Particulars, age, &c., to 183, 16, Office of this Paper.

CARNARVON—Wanted, Junior Assistant (Welsh). Apply, stating age, &c., and salary required (indoors), Griffith Owen, Chemist, Carnarvon.

CHARD—At once, indoor Assistant, about 24, gentlemanly, and accustomed to good-class Country trade; qualification not essential, but must have excellent references; liberal salary to suitable man. Apply, stating age, height, experience, and salary (enclosing photo), to Smith, Chemist, Chard Somerset.

CHATHAM—Wanted, a trustworthy competent Assistant; outdoors, must have good references. Apply, stating experience, salary required, &c., to W. G. Turtle, 260 High Street, Chatham.

CHELMSFORD—Wanted, immediately, qualified Junior, about 22 or 23, for General Country business, well up in Dispensing, and knowledge of Photography; staff—three Assistants, Clerk, &c.; hours easy. Reply, with portrait and full particulars, stating salary, outdoors, to James Tomlinson, Chelmsford, Essex.

CHELTHENHAM—Wanted, a qualified Dispensing Assistant; also a Junior (indoors); principal's non-resident. Apply, stating particulars as to experience, &c., Nathl. Smith & Co., Cheltenham.

CHISWICK—Wanted, early in July, a smart Junior Assistant; indoors; must be good salesman and well recommended; personal application preferred, or if by letter enclose photo (to be returned). Bosastow, M.P.S. 341 High Road, Chiswick.

COVENTRY—Junior Assistant (outdoors) wanted, at once, for Cash business; one early day; no Sunday duty. Apply, stating age, height, salary required, references, and enclose photo, to Blunt's Drug Stores, Coventry.

DEAL—Wanted, an Assistant, (indoors), for three months or more, during the season, for a Dispensing and Light Retail business, on the South-east Coast. Apply, stating age, height, salary and reference, to John Green, Pharmaceutical Chemist, 28 High Street, Deal.

DEMERARA—Junior Assistant required; 3 years' engagement at progressive salary. Apply, A. D., c/o Hodgkinson, Clerk & Ward, 101 Whitecross Street, London, E.C.

EASTBOURNE—Junior, immediately; competent, good Dispenser, with knowledge of Photography, and abstrainer preferred; outdoors. Apply, stating age, salary, experience, &c., to Geo. A. Harmer, 47 South Street, Eastbourne.

EASTBOURNE—An Assistant wanted. Apply, with full particulars, age, height, salary required, to R. Trickey, Chemist, 35 Terminus Road, Eastbourne.

GLOUCESTER—Assistant wanted, at once, for a Light Retail and Dispensing business; weekly half-holiday. Send full particulars and salary required, indoors or outdoors, and enclose photo (to be returned), to A. B. Higgs, Chemist, 99A Lower Barton Street, Gloucester.

GRIMSBY—Junior Assistant, or one who has had 3 to 4 years' experience in Light Retail, with Dispensing; must be obliging, steady, industrious, good character; comfortable home; short hours. How long in last situation, salary required, reference, height, photo (to be returned), Croft, Victoria Street, Grimsby.

HERTFORD—Junior wanted, before the end of June, with some knowledge of Dispensing; short hours; comfortable home. References and salary required to Geo. Darant & Son, Hertford.

INDIA—Required, an Assistant (Minor), about 24, single, with first-class London (West-end) experience; of gentlemanly appearance; 4 years' agreement; liberal salary; passage out, and furnished apartments. Apply by letter, S. M. O., c/o Messrs. Meggeson & Co., 14 Miles Lane, E.C.

KENDAL—Wanted, for July 10, Junior Assistant, about 21, for good-class Mixed business; tall and of good address, and accustomed to the counter; easy hours; half-day holiday; no duty; outdoors. Apply, giving fullest particulars, salary required, &c., to Alfred Heap, Chemist, Kendal.

LITTLEHAMPTON—A Junior Assistant or Improver (indoors) required, in a Light Retail and Dispensing business at the seaside; time allowed for recreation or study. Apply, Longman, Pharmaceutical Chemist, Littlehampton, Sussex.

LIVERPOOL—Wanted, at once, a Junior Assistant or Turnover Apprentice, about 19, in a Light Retail and Dispensing business; time allowed for recreation and attending School of Pharmacy. Apply, stating age, height, and salary expected, with reference, to Hinkley, Seacombe, Liverpool.

LONDON, S.W.—Wanted, a smart and gentlemanly Junior for good-class modern business. Apply, personally if possible, 62 Hill Road, Wimbledon.

LONDON—An Assistant, about 23; indoors; good general experience, undeniable references; Extractor preferred. State height, salary required, when disengaged, and send reference to Hopper, 319 Romford Road, Forest Gate.

LONDON—Junior Assistant in London; time given for study; good salary. Apply, "Alpha," Evans, Galt & Co., Fore Street, Exeter.

LONDON, W.—Assistant wanted for evenings. Apply, 228 High Road, Chiswick, W.

LONDON, S.W.—Immediately, Assistant; indoors; 2 evenings weekly for lectures; salary £40. Send photo and particulars, to Glen, 156 Clapham Road.

LONDON, W.—Wanted, qualified Assistant, about 25, to take charge of Branch. Please state salary required, in or out doors, "Chemist," 372 Harrow Road, W.

LONDON, W.—Outdoor Assistant, with good Dispensing experience, where three are kept; short hours; one accustomed to quick Cash business; personal application preferred; if by letter, please state age, height, experience, and salary required. Strickland, 28 Broadway, Ealing, W.

LONDON, S.W.—Junior Assistant wanted, early in July, for good-class Retail and Dispensing business, aged about 22; commencing salary £35 to £40, according to ability (indoors). Apply, stating usual particulars, to J. H. Read, 90 Victoria Street, S.W.

LONDON, N.W.—Wanted, a Second Assistant for the Dispensing Counter of a high-class Pharmacy; one with London or good provincial experience preferred; liberal salary and a comfortable home offered to a suitable man. Apply, personally or by letter, with the usual particulars, to T. H. Bateman & Co., Pharmaceutical Chemists, 223 Finchley Road, N. W.

LONDON, W.—Wanted, an indoor Assistant, about 24 years of age; must have had good practical experience in Dispensing. Apply, with full particulars, C. Davies, 194 Holland Park Avenue, London.

LONDON, N.W.—Qualified Assistant wanted for good Dispensing business. Please send photo and full particulars. P. Davidson, Pharmaceutical Chemist, 342 High Road, Brondesbury, N.W.

LONDON, S.E.—Part-time, 9 till 4; must be accustomed to putting up high-class stock. T. Morgan Davis, 121 Lewisham High Road, New Cross, S.E.R. Station.

LONDON S.W.—Wanted, for June 25, an Assistant, aged about 25; indoors; good Dispenser and Counterman; alternate Sundays on duty. Please enclose (if convenient) photo, which will be returned, and usual particulars, to H. H. Charlesworth, Chemist, 780 Fulham Road, near Putney Bridge, S.W.

LONDON N.W.—Junior, at once; indoors; abstainer; hours 8 till 10; at liberty Thursday afternoon and evening. Apply personally, or enclose carte with age, height, &c., to Mr. Taplin, 31 Hampstead Road, London, N.W. One only kept.

LONDON.—Holiday engagement; qualified; competent; with good references; for a month from July 8th; in or outdoors. Full particulars from N. M. Bell & Co., 2 Malvern Road, Kilburn, N.W.

LONDON, S.W.—Qualified Dispenser required, immediately. Apply, personally, at 31 High Street, Clapham.

LONDON, S.W.—Junior Assistant for Light Retail, Dispensing, and Prescribing business. Apply, C. Pretty, Pharmaceutical Chemist and Dentist, 235 North End Road, Walham Green, S.W.

LONDON, N.—Evenings only.—Wanted, two or three evenings weekly, from 5 or 6 P.M. to 10 P.M., competent Assistant; must have good references. S. Long, 26 Stamford Hill, N.

LONDON, S.E.—Wanted, by July 1st, an Assistant, in or outdoors, for a new Chemist's Stores in High Street, Camden Town. Apply to Henry Squire, Cash Chemist, 189 High Street, Deptford, S.E.

LONDON, S.W.—Wanted, a competent and experienced Dispenser; no Sunday work; salary £2 per week. Apply to the Secretary, Francis & Son (Limited), 450 Brixton Road, S.W.

LONGTON.—Wanted, early in July, a smart, active Junior, accustomed to good-class business. Apply, stating age, experience, salary, &c., and enclose photo, to Roland Prince, Pharmaceutical Chemist, Longton, Staffs.

MAIDSTONE.—Junior; July 10th; aged about 20; indoors; one used to quick Country trade and small Wholesale. Also Dispenser, for Surgeon's Dispensing, whose spare time would be occupied book-keeping, previous knowledge of bookkeeping not essential. Apply, stating age, height, reference, and photo, stating when disengaged, to Fred. J. Oliver, Maidstone.

MANCHESTER.—Junior Assistant wanted at once; outdoors; time for study. Full particulars, with salary required, to "Chemist," 39 Great Clowes Street, Lower Broughton.

MANCHESTER DISTRICT.—Qualified Assistant; three kept. State salary required (outdoors), age, height, and references, to "Pharmacist," c/o Evans, Sons & Co., Liverpool.

MANCHESTER.—Qualified indoor Assistant, about 26, required, for high-class Dispensing and Retail business. Address, stating experience, height, salary, &c., and enclosing photo (to be returned), to T. Woodruff, Ph.O., 43 Lapwing Lane, West Didsbury.

MARCH.—Wanted, well-educated Junior, of good address, for Mixed Country business; no heavy work; indoors. Davies, Pharmaceutical Chemist, March, Cambridgeshire.

MARGATE.—Assistant wanted, about 23; indoors. Apply, stating height, salary required, and enclosing photo, to A. H. Brooks, Chemist, Margate.

MARGATE.—Wanted, Junior Assistant, in good Dispensing and Retail business, indoors. State age, height, experience, and when disengaged. Baily & Co., 2 Ethelbert Terrace, Margate.

NATAL.—At once, a good Assistant, well up in Dispensing, and able to take charge; one with country experience, and knowing cattle medicines preferred; aged about 26; qualified; salary, first year, £12 per month; second year, £13; third year, £14; bedroom provided; second-class passage paid out; three years' agreement. Candidates, who must hold undeniable references, address "Natal," Messrs. Evans, Lescher & Webb, 60 Bartholomew Close, London, E.C.

PARIS.—Qualified Assistant wanted, 1st July, for first-class Pharmacy. Apply, with full particulars, to R. L., c/o S. Maw, Son & Thompson, 7 to 12 Aldersgate Street, E.C.

PARIS.—Required, at once, for a high-class business, a good Dispensing Assistant; preference given to one who has spent a season in France, and has a knowledge of the language and pharmacy; age about 24. Write, sending photo and references to Mons. L. Midy, 113 Faubourg St. Honore, Paris, or to Messrs. Evans, Lescher & Webb, 60 Bartholomew Close, London, E.C.

PETERBOROUGH.—Qualified Assistant, also unqualified, with knowledge of Photography preferred; outdoors; ages about 26 and 22; no Sunday duty. Address, giving experience, references, salary, &c., with photo (to be returned), to J. W. Bodger, Chemist, Peterborough.

PLUMSTEAD.—Wanted, Manager for Branch; also a Junior. Apply, with usual particulars, to A. Goldthorpe, Chemist, 70 Herbert Road, Plumstead.

PONTEFRAC.—Wanted, at once, smart, active Assistant (outdoors), about 20, for pushing Retail business; must be quick and reliable, and a good Counterman. State age, experience, references, and salary required, with photo, W. Bratley, Chemist, Pontefract.

READING.—Assistant (about 25), steady, gentlemanly, for quick Cash Retail, Dispensing, and Photographic; favourable hours and half-holiday weekly. State age, height, salary required (outdoors), enclose photograph and references, to Jno. Cross & Co., The Pioneer Drug Store, Reading.

RUGELEY.—Junior or Improver required, in a good country business; Senior and an Apprentice kept. Apply, giving full particulars and state salary required, to George Averill, Pharmaceutical Chemist, Rugeley.

SEASIDE (Lancashire).—Assistant, unqualified; smart, energetic, experienced; to assist in managing Branch; one accustomed to pushing Store trade preferred; permanency. Apply, stating age, height, and full particulars, salary required, and enclosing references and photo, 175/23, Office of this Paper.

ST. HELENS.—Junior (immediately), about 20, for cash trade; no heavy goods; weekly half-holiday; no Sunday duty; one with knowledge of photographic goods preferred. Send full particulars, with salary required (outdoors), to J. G. Wallbridge, Chemist and Optician, St. Helens.

ST. LEONARDS.—Wanted, Junior Assistant, to manufacture B.P. and Proprietary preparations, and assist at Dispensing counter when necessary, by Neve & Co., Pharmaceutical Chemists, St. Leonards-on-Sea.

STROUD.—By the end of June, a steady and reliable Assistant, for good Retail and Dispensing. Applications, with full particulars and carte, to D. Smith, Market Place, Stroud.

SWITZERLAND.—Wanted, for July 1, Assistant (Minor or Major), accustomed to good class Dispensing and Retail business; one with knowledge of the German language preferred. Address references and full particulars to F. Walker, Dispensing Chemist, St. Moritz, Engadin.

TORBAY.—Summer Season.—At once, competent, qualified Assistant; capable of entire charge of best-class Dispensing business; smart Counterman. Particulars as to salary, age, experience, together with photo and references, to F. Sarson, Paignton, Devon.

TORQUAY.—Qualified Assistant (outdoors) wanted, about 24 years of age, accustomed to good-class Dispensing business. Apply, with usual particulars, to Horton & Co., the Torbay Pharmacy, Torquay.

TRURO.—Qualified Assistant, aged about 25, capable of taking charge; salary £60 per annum, indoors. Send references and photo to T. Anthony, Pharmacist, Truro.

WELLINGTON (Salop).—Wanted, Improver or Junior; kindly give usual particulars. Messrs. James Bates (Limited), Chemists, Wellington, Shropshire.

WESTGATE-ON-SEA.—Immediately, for three or four months, a good Junior Dispenser for a high-class business. Apply, with full particulars, if possible enclosing carte, to F. R. Bessant, 33 Warnboro Road, Oxford.

WILLENHALL.—Wanted, a reliable Junior Assistant, about 22; outdoors; good Extractor; half-holiday weekly from 2 P.M.; salary 30s. weekly. Apply, stating age, reference, with photo (to be returned), to William H. Walker, F.C.S., Chemist, Willenhall, Staffs. Applications not answered in three days declined.

WOLVERHAMPTON.—Smart Junior Assistant accustomed to Store trade required for a business in the Midlands; give full particulars and send photo if possible. Apply, Martyn's Stores (Limited), Wolverhampton.

WOLVERHAMPTON.—Wanted, indoor Assistant as Dispenser, qualified or unqualified. State age, height, references, when at liberty, salary required, and enclose photo, to "Chemist," 11 Queen Square, Wolverhampton.

ASSISTANT wanted; liberal remuneration to reliable and competent man; close Thursdays at 5; Sunday duty, 2 hours fortnightly. State experience, age, salary, references, Matthews & Son, Chemists, Leyton, N.E.

BRANCH Manager; qualified; outdoor. Usual particulars to O. James, Chemist, Birkenhead.

DENTIST required, to visit at Chemist's, an hour's journey from London one day a week. Apply, "Dens" (183/37), Office of this Paper.

GOOD Assistant required, not necessarily qualified, used to quick counter trade; good salary and commission. Apply, by letter only, stating age, salary required, and usual particulars, to "Janos," c/o 66 London Road, S.E.

IMMEDIATELY.—A qualified Assistant, aged about 23, with good experience. Apply, by letter first, to Savory & Moore, 143 New Bond Street.

JUNIOR Assistant, about 21, required for an old-established Pharmacy; must be a good Dispenser, and accustomed to a first-class business. State age and experience and enclose photo to Alex. J. T. Long, Pharmaceutical Chemist, Guildford.

LEWIS & BURROWS (LIMITED) have a vacancy for a smart qualified Assistant, also a quick Junior. Apply, 22 Great Portland Street, W.

MESSRS. TIMOTHY WHITE COMPANY. Chemists, Portsmouth, have two or three vacancies for trustworthy Assistants in different parts of the South of England and Isle of Wight.

QUALIFIED Assistant required for London and suburbs; good-class cash business; outdoors; preference given to a married man who would eventually reside upon the premises. Apply, by letter, stating salary, age, and experience, to "Tamar," c/o 80 Borough Road, S.E.

QUALIFIED Assistant; outdoors; good character indispensable; 5 Assistants kept; closed Sundays, evening off each week. Send photo (to be returned) and full particulars to Wm. Fox & Sons, 109 and 111 Bethnal Green Road, London.

SITUATIONS OPEN—cont.

RETAIL—continued.

QUALIFIED Manager wanted at once; used to general Store trade; good salary to competent man. Give full particulars in first letter, and enclose photo, if convenient, Magor, Ltd., Birmingham.

RELIABLE Junior wanted, immediately; splendid opportunity for experience of the trade. Apply, stating usual particulars, Medical Hall, Hincley.

REQUIRED, at once, a qualified Senior Assistant; also a Junior, in a pleasant South-east district; easy hours; outdoors; Junior no Sunday duty, Senior 3 hours alternate Sundays; liberal salaries to suitable men. "Manager," 164 Rushy Green, Catford.

SMART, qualified Assistants, open to accept situations in South Africa, should apply to Lennon Limited, 75 Leadenhall Street, London, E.C., who frequently bear of good appointments.

THE ARMY & NAVY CO-OPERATIVE SOCIETY (LIM.) require a Dispenser, with minor qualifications, about 25 years of age. Application to be made by post, addressed to "Manager," Drug Department, 105 Victoria Street, S.W., giving particulars of experience and salary required.

WANTED, for Country business, an Improver, to work under a qualified man; hours short; no Sunday duty; two hours daily for reading. State age, experience, and salary required (indoors), to G. H. Morgan, Wem, Salop.

WANTED, at once, qualified Assistant for good business in seaport town (East Coast); married, and live on premises rent free; one able to extract teeth preferred, but not essential. Apply, stating salary required, age, height, &c., to R., c/o Messrs. Hearon, Squire & Francis, 38 Southwark Street, London, S.E.

WANTED, a qualified Assistant for the holidays (about 2 months); if satisfactory a permanency would be given. State full particulars, terms, &c., and when disengaged, to E. A. Smith, 42 Carlsbrooke Road, Liverpool.

WANTED, 2 qualified Assistants, able to Prescribe and Extract; good countermen; steady and thoroughly trustworthy; give full particulars as to references, experience, age, &c.; photo if possible (to be returned); salary 42s. per week (outdoors). Apply, Wilson, 63 Ormonde Street, Jarrow.

WANTED at once, an energetic, trustworthy Assistant, single; 45s. week; outdoors; also in three weeks, a good Manager; qualified, single, 45s. week and furnished bed-room; both must have first-class references. Apply (182/15), Office of this Paper.

WANTED by June 20, an Assistant aged about 24; must be a good Dispenser; qualification not essential. Apply (37/16), Office of this Paper.

WANTED, a reliable indoor Assistant; if with some experience of Hospital Dispensing an advantage. Apply, with full particulars, stating age, height, and salary expected, to "509," Hodgkinsons, 101 Whitecross Street, E.C.

WANTED at once, qualified man to take entire charge of Chemist's shop; permanency to good man. Apply, with full particulars as to salary required, experience, &c.; also send photo, if possible, to 184/31, Office of this Paper.

WANTED, at once, outdoors, smart Assistant (accustomed to modern quick cash trade), for best class Dispensing and Retail, in N.W. district; 6 others kept. Apply, giving full particulars of age, experience, &c., stating salary required, to X., c/o Hodgkinson, Clarke & Ward, 101 Whitecross Street, E.C.

WANTED, qualified man to Manage Branch; liberal terms to good man. Apply, before 12 or after 7, at 1 Mount Place, Whitechapel Road.

ST. GEORGE'S HOSPITAL, HYDE PARK.

WANTED, from June 26 to September 16 inclusive, an Assistant Dispenser; must be qualified; hours 9 till 5; salary £2 2s. week; reference required. Apply, between 10 and 4, to the Dispenser.

MONMOUTHSHIRE ASYLUM, ABERGAVENNY.

WANTED, a Dispenser, who must have a knowledge of Photography and who will be required to act as Photographer to the Institution; salary £120 a year, no allowances, and hours from 9 A.M. to 5 P.M. Applications, stating age, and whether married or single, with recent testimonials, to be sent to the Medical Superintendent, on or before Wednesday, the 21st June.

WHOLESALE.

A FIRM of Manufacturing Chemists want a Traveller for North and South Wales and parts North Devon, on commission or salary. Apply, stating experience, references, &c., 35/69, Office of this Paper.

CORRESPONDENCE and Shorthand Clerk, young and energetic, wanted immediately; must be a Pharmacist, or possess a considerable knowledge of Drugs and Chemicals. Address, stating age, experience, qualifications, and salary expected, to O. S. C., c/o Mather & Crowther (Lim.), 10 New Bridge Street, E.C.

DESPATCH Clerk.—A reliable and experienced young man wanted, as Dispatch Clerk, in London Wholesale Drug House. Write, stating age, experience, and salary required, to 181/4, Office of this Paper.

REQUIRED, by Patent Medicine House, an energetic, reliable, and enterprising Traveller, with a connection amongst the best Wholesale and Retail Chemists, Druggists, and Patent Medicine Vendors throughout Great Britain; must have essentials of a successful representative, with good references. Address particulars, L. J. (185/26), Office of this Paper.

SMART man, to Manage London Depot; must be young, qualified, and experienced. Full particulars, in confidence, to B. B. (36/51), Office of this Paper.

TRAVELLER, town and suburbs, with knowledge of Sundries; age not over 40. Full particulars to M. Y. (185/29), Office of this Paper.

WHOLESALE Druggists.—Dry Counter.—Good Foreman, age about 25, wanted, to control four or five hands. State experience and wages required to "G. L.," c/o Streets, 30 Cornhill, E.C.

WHOLESALE Assistant wanted for Port Elizabeth, South Africa; must have had good experience at both wet and dry counters; unmarried; aged about 28. Apply by letter, giving full particulars, L. L., 75 Leadenhall Street, London, E.C.

APPRENTICESHIPS.

NEWPORT (Salop.)—Wanted, immediately, an Apprentice or Turn-over; a young man with 18 months' experience would be treated with as an Improver. Apply, with full particulars, to G. L. Southwaite, Chemist, Newport, Shropshire.

APPRENTICE or Pupil.—A Dental Surgeon in Scarborough has a vacancy for a well-educated youth as Apprentice; a thorough knowledge of the profession can be obtained, Surgical and Mechanical. Address, 37 Falsgrave Road, Scarborough.

SITUATIONS WANTED

1s. for 12 words or less; 6d. for every 6 words beyond.

RETAIL.

JUNIOR; 21; disengaged. Law, 62 Ashtel Row, Birmingham.

JUNIOR; 21½; used to high-class business. 182/14, Office of this Paper.

LOCUM-TENENS; qualified. Wellings, 259 Broad Street, Birmingham.

JUNIOR; aged 19; 4 years' experience. "Spec," 1 Chandos Street, Leicester.

OUTDOORS; qualified; 29; Dispenser or Assistant. 185/31, Office of this Paper.

LOCUM; day or more; good Prescriber. "Chem," 4 Mayfield Road, Dalston, N.

LOCUM; Institute, Shop, or Surgery; qualified. "Rex," 43 Trinity Square, S.E.

QUALIFIED; 29; married. "Chemist," 36 Green Street, Upton Park, London, E.

ASSISTANT, Manager, or Locum; 42; qualified; single. A., Marine House, Clevedon.

ASSISTANT; 22½; 5 ft. 6 in.; 6 years' experience. "Aloin" (183/4), Office of this Paper.

ASSISTANT; aged 31; unqualified. O. V., 15 Alum Rock Road, Saltley, Birmingham.

LOCUM-TENENS or Branch Manager; qualified. Jelley, 27 College Road, Keusal Rise, N.W.

MINOR Student, 22½, requires Part-time engagement; Leeds preferred. Gardam, Ripon.

MAJOR Student wishes Part-time situation; daytime preferred. 182/12, Office of this Paper.

PART-TIME; on premises; married; qualified; low terms. "Chemist," 4 Penton Place, W.C.

LOCUM; Major; 24; good London experience; highest references. Payne, Market Parade, Ilford.

AS Assistant; unqualified; disengaged; experienced. "Nero," 18 Henwood Road, Rotherbithe, S.E.

DISPENSER (Surgeon's); Locum or permanent; disengaged. "Jacobus," 38 Coborn Street, Bow, E.

LOCUM TENENS; qualified; disengaged; aged 50. T. Morris, 103 Packington Street, Islington, N.

JUNIOR (23), 5 ft. 5 in., requires situation until August 1. Address, 3 Bridge Road, East Molesey, Surrey.

AS Assistant or Surgeon's Dispenser; experienced; unqualified. "Alpha," 17 Weston Road, Gloucester.

LOCUM; 20 years' experience as; disengaged 28th. Davis, 2 Bank Buildings, Wightman Road, Hornsey, N.

CHEMIST, out of business, wishes to re-enter trade; small salary first year. B., 43 Falmouth Road, Borough.

AS Locum: Bristol or neighbourhood; disengaged shortly; experienced. 71 Elton Road, Bishopston, Bristol.

DISENGAGED; lady Dispenser; qualified, experienced. M. Harris, 32 Leysfield Road, Shepherd's Bush, London.

MANAGER or Senior; aged 33; qualified; good Photographer. M. P. S., 3 Newington Green Road, London, N.

ASSISTANT; 21; 5 ft. 10 in.; 5 years' experience; permanency; outdoors. Williams, Penberthy, Hayle, Cornwall.

LOCUM; qualified, long experience; highest references; disengaged 18th. Young, Chemist, Fowler's Road, Salisbury.

INFIRMARY and Hospital experience; qualified; Locum or permanency. L. J., 13 St. Ann's Road, Brixton Road.

QUALIFIED; 24; outdoors; disengaged; 7 years' experience. State full particulars, "Chemist" (181/30), Office of this Paper.

AS Dispenser and Bookkeeper, or Dispenser to Surgeon; aged 21; 5 years' references. Myers, 43 Gabriel's Hill, Maidstone.

AS Junior or Improver; aged 20; 5 ft. 10 in.; good references; country preferred. J. H. S., 67 Stanstead Road, Forest Hill, London.

ASSISTANT; 23; unqualified, experienced; disengaged end of July; Yorkshire preferred. T. H. Smith, Mayfield House, Windermere.

ASSISTANT; 25; qualified; speaking French; first class London and Continental experience. D. S., 3 Devonshire Street, Islington, N.

DISPENSER to Surgeons, or Chemists' Assistant; good experience and references; age 35. "Dispenser," 13 Lower Drayton Place, Croydon.

WANTED, post as Manager of small Light Retail, with a view to early and easy succession; large town preferred. X. (182/31), Office of this Paper.

MANAGER-ASSISTANT; 35; competent but unqualified; highest references; outdoors; London. "Extractor," 1 Bridge Street, Hammsmith, W.

JUNIOR; unqualified; 5 ft. 11 in.; dark; 22; 4½ years' country, 2 years' London experience; City or West preferred; good references. 183/30, Office of this Paper.

LADY Dispenser, 20 (Assistant's certificate Apothecaries' Hall), specially commended, seeks an engagement. Miss D., Satterthwaite Vicarage, Ulverston.

DISENGAGED, unqualified, reliable Assistant; middle-aged; abstrainer; experienced Counterman, Prescriber, Stockhand. Newman, 42 Vine Street, Uxbridge.

CHEMIST desires situation in a first-class Dispensing business; knowledge of Photography; tall; good references. J. L. Morton, Ramshotton, Lancashire.

DENTAL Assistant desires to reside with Chemist who could introduce patients for evenings; town or suburbs. Address "Denticus" (179/16), Office of this Paper.

MANAGER or Senior; qualified; 27; good London and provincial experience; disengaged July 10. "Manager," Cambridge House Pharmacy, Liscard, Liverpool.

BIRMINGHAM or District; temporary employment wanted from June 26th; used to management; aged 38; Minor Exam. "Temp," c/o Mr. Hartland, Chemist, Redditch.

HOLIDAYS.—F. G. Shrimpton (Oxford) undertakes duty for Chemists, Institutions, Surgeons; qualified; first-class references; disengaged 27th. Surgery, Woburn, Beds.

PHARMACEUTICAL Chemist (24) desires Management of quick Cash trade, where two or three are kept; good business experience; first-class references. "Business" (183/15), Office of this Paper.

AS Assistant or Branch Manager; 12 years' experience; Mixed Retail and Prescribing; married; not qualified; aged 30 years; height 5 ft. 6 in. H. Perkins, 351 London High Street, West Bromwich, Staffs.

PHOTOGRAPHIC Chemists.—Situation required with Chemist doing a large Photographic-apparatus trade; or would work up a scientific business in connection with Druggists; 12 years with Chemist and Dealer; unqualified. "Photo" (181/29), Office of this Paper.

GERMAN Apothecary Assistant wants, by October 1 next, easy situation for 1-1½ year as Assistant with a Chemist and Druggist; advertiser speaks English, and has first-class testimonials; International Drug Stores preferred. Please address, H. P., 1, 103, c/o Rudolf Mosse, Hamburg.

CHEMIST, aged 35, married, London, Minor qualification, requires situation as Manager in Provincial town; 16 years' varied experience; just given up business on own account, after 12 years in same; excellent testimonials; well up in Agriculture, Family and Dispensing trade; Lincolnshire or surrounding counties preferred. Full particulars, please, to Blankley, Rose Bank, Penistone, near Sheffield.

WHOLESALE.

EXPERIENCED man as Traveller, Manager, or Buyer; disengaged shortly. 182/26, Office of this Paper.

TRAVELLER, experienced, calling on Surgeons; Drugs and Instruments; qualified. "Forceps" (183/17), Office of this Paper.

AS Chemist and Analyst; 15 years' experience in Manufacturing, Medical, and Commercial Analysis, Microscopy, and Photography. "Major" (184/38), Office of this Paper.

ASSISTANT (21) desires engagement at Wet or Dry Counter; first-class; many years' experience with a Wholesale and Retail provincial Chemist; undeniable reference. G. (180/25), Office of this Paper.

IRISHMAN, calling on Wholesale Druggists, Chemists, Stores, Family Grocers and Ironmongers, invites correspondence from Manufacturers of Specialities, with view to Irish agency. Address, "Chemist," c/o Wilson Hartnell & Co., Dublin.

TRAVELLER.—A first-class man, with connection in Northern Counties, is open to represent a first-class house calling upon Chemists and Grocers; in London during Exhibition week. Address, in confidence, A. B. (183/3), Office of this Paper.

TO Manufacturers of Specialities.—Gentleman covering Yorkshire, Durham, and Northumberland, with 3000 accounts, Chemists' and Grocers' (Wholesale and Retail), will consider any good offer of Specialty wanting introducing; guarantee; proof of business; personal interview during Chemists' Exhibition. Write, "Torr" (183/25), Office of this Paper.

MISCELLANEOUS.

Special charges are made for Advertisements under this heading, which can be obtained on application.

DAISY (LIMITED), Leeds, will be happy to advertise (at reasonable rates) in Chemists' Lists, &c., &c.

THE Cheapest and Best in the Market; Lemonade Crystals; very superior article; superb flavour; usual size; elegant wrapper; 1 gross sent with customer's name and address on cartoon on receipt of 24s. The Pure Beverage Company, 22 Albany Road, Wolverhampton.

SULPHUR TABLETS, ½ cwt. at 34s., 32s. cwt., 2 cwt. at 31s.; send 6s. for 14 lbs., post free. Bland's Pills, 100 gross at 2d., 500 gross at 1½d., 1,000 gross at 1½d.; in 1-gross lever-lid tins, handsomely labelled, at 30s. gross; bottles 36s.; samples free. Sticky Fly-papers, 4s. 6d. gross, 5 gross 20s. Hope & Co., 462 Holloway Road, N.

BOXES.—Light wood boxes of every description, hinged or nail lids, planed or unplanned, suitable for packing all kinds of articles; cheapest, strongest, and best in the market; quotations by return post; sample 6 stamps; list free. Write for sample and prices, stating sizes required, to E. Osborn, Huntly Grove Box and Joinery Works, Peterborough.

9s. CACHETS are the most approved method of administering nauseous and insoluble powders, as they are both inert and readily soluble in the stomach; the Curic Wafers are put up in Cachets with a unique formula, and turned out in proper chemists' style; window show, large or small, including mechanical attraction, for 1 doz. order (9s.). The Curic Co., Leadenhall House, London, E.C.

"PRIMUS" SULPHUR TABLETS.—1 cwt., 32s.; 2 cwt., 31s.; 5 cwt., 30s., carriage paid. Sulphur and Sarsaparilla same price; samples free. Send 3s. 6d. for 7-lb. box, post free. Bland's Pills, 100 gross at 2d., 500 gross at 1½d., 1,000 gross at 1½d., 1 gross tins at 30s. gross. Disinfecting Shells, 4s. 6d. gross, 5 gross at 4s. gross. All carriage paid. Christy & Co., Smithfield Laboratory, Curzon Street, Leicester.

THE GREAT AUSTRALIAN REMEDY.—The proprietrix of the Patent and Trade-mark Rights of the Great Australian Remedy for Oatarrh, Influenza, and all Bronchial and Throat Affections, is desirous of disposing of these rights. The remedy has a wonderful reputation in Australia, especially in New South Wales, where it enjoys a good sale purely by recommendation. Full particulars will be given to any inquirer with a view to purchase. The speciality is one which might be worked up in Great Britain into magnificent returns, as Australian singers consider it invaluable. 6/7, Office of this Paper.

SHOP-FITTINGS.—12-ft. complete wall-fitting; 60 mahogany-fronted drug-drawers, bevelled glass labels and cut knobs, lockers, cornice plasters, shelving, &c.; 10-ft. mahogany serving-counter, with plate-glass cases in front; 6-ft. bevelled-edged mirror centre dispensing-screen, with mahogany and plate-glass counter, and marble-top sponge-case under; 6-ft. wall show-case, with recess; desk and perfume-case combined; 5-ft. bent plate-glass counter-case, with display shelves and 4-ft. nest of counter drawers with label, paper, till, and other drawers; fifty guineas complete. Philip Josephs & Son, 54 Old Street, London, E.C.

Philip Josephs & Son are exhibiting at the Chemists' Exhibition, at Stands Nos. 10 and 11, a complete up-to-date Pharmacy, fitted on modern and attractive lines, and within the price of any moderate capitalist.

ROUSE'S DICTIONARY OF SYNONYMS.

FOR the Use of Chemists, their Assistants, and Apprentices. Contains between 4,000 and 5,000 references. The most complete work of its kind; clears up doubtful and obscure points; prevents mistakes; safeguards against accidents; invaluable at the Dispensing and Retail Counters. Price 1s., post free, from the compilers, Rouse Bros., 61 Charlotte Street, London, W., or through any Druggists' Sundriesman.

No Pharmacy complete without it.



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DEPOSIT.—The purchaser of anything advertised in the Exchange Column may remit the amount to us, and we only pay the money deposited on advice from the remitter. We charge a commission of 6d. on any transaction of £3 or less, or 1s. if above that amount, which is payable by the purchaser.

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FOR DISPOSAL.

APPARATUS.

Set of 8 dental-forceps, electro-plated, nearly new, with good lancet, 35s. EASTWOOD, Chemist, Nelson.

A bargain.—An Ash's dental-chair, in good condition, £7 10s.; also a strong flask-vice, 12s. 6d. 183/19, Office of this Paper.

2 gross pot and spreading spatulas, assorted, 1s. 6d. per doz., in 3-doz. lots; good condition; carriage forward. WORMULL, 31 Stamford Street, S.E.

Twenty-cell continuous-current Leclanché battery (Maw's); good condition, only requires re-charging; procured for clerk with writer's cramp, not now required; cost 4 guineas; any reasonable offer. STEPHENS, Chemist, Stone.

BOOKS AND PERIODICALS.

Cooley's "Encyclopædia," bound in 2 vols., 21s.; Bentley's "Materia Medica," 3s., never used. WRIGLEY, Golear, Huddersfield.

Cassell's "Family Physician," 4 vols., red cloth, gilt edges, 23 steel engravings, splendid condition, carriage paid 15s.; "Field of Disease," by Dr. B. W. Richardson, 1,014 pages, cloth binding, every known disease catalogued and described, post free 6s. 6d. WALLBRIDGE, St. Helens.

OPTICAL AND PHOTOGRAPHIC.

No. 2 Frena, perfect, cost £8 9s., price £5; **No. 2** Kodak, cost £7, offers wanted; Wanted, **No. 00** Frena. ANTHONY, Chemist, Bedford.

No. 2 Frena, perfect, with 8 magnifiers and case; cost £10; cash offers. DALGLEISH, Chemist, Huntingdon.

No. 2 Kodak in leather case, original price £7, take 25s.; quarter-plate Lancaster's Instantograph, 1898 pattern, 25s. MARTIN, Chemist, Southampton.

Lancaster's half-plate brass bound Instantograph, with lens, see-saw shutter, 3 slides, case; good condition; cost £7 7s., price £4 10s. ROBINSON, Lynwood, Boscombe.

Laurance's spectacles and folders, about 350 pairs, many 10s. 6d. and 5s. 6d.; relinquishing trade; what offers, cash or patents? 2 guinea case given in. 185/14, Office of this Paper.

PROPRIETARY ARTICLES.

1 doz. oillaparl 1s., and 1 doz. 6d., 8s. 6d. Goss, 130 Notting Hill Gate.

Dr. Williams' pink pills, 36 doz., unopened, 23s. 8d. per doz., post free; each with order. HARRIS' DRUG STORES, Milford Haven.

2s. 9d. Gowland's skin-lotion, 1s. 6d.; 3 10s. 6d. Ruppert's skin-tonic, 15s.; 2s. 9d. Dunbar's alkaram, 1s.; 34 1s. Budden's mineral water salt, 17s.; 11 1s. 9d. Thompson's liver-salt, 11s.; 2 2s. 9d. Wright's pearl-ointment, 3s. 6d.; 2 4s. 6d. Kehotah kidney-tea, 5s. BROADBENT'S BON MARCHÉ, Southport.

SHOP FITTINGS.

Mahogany showcase, Maw's fig. 29; good condition; what offers? LEWIS, Acton, W.

Specie-jars, carboys, shop-rounds, for sale, cheap. FRANCIS & CO., Chemists, Wrexham.

Complete fittings of chemist's shop, second-hand; will be sold cheap. BUCKLEY, Lockwood, Huddersfield.

Handsome mahogany dispensing-counter, 9 ft. wide, for sale, cheap. FRANCIS & CO., Chemists, Wrexham.

Dispensing-screen, £6; mahogany-top counter, £6; offers for 24 gall., 26-gall. carboys, ant stoppers, with stands. BAINBRIDGE & FINLAYSON, Stockton.

Ebonised showcase, suitable for an exhibition, 2 ft. by 2 ft. 6 in.; 3 sides fitted with shelves, with looking-glass back, enclosed by plate-glass panelled doors, surmounted by brass gallery, with shaped plate-glass front. "CHEMIST," 3 St. George's Circus, Southwark, S.E.

MISCELLANEOUS.

Umber (powdered), 3s. cwt., in barrels; room wanted. 479 Moseley Road, Birmingham.

Cod-liver oil, finest non-freezing, several gallons; grinding-machine (Goodall's), hand or power; offers; exchange printing-machine. "CHEMIST," Yalding, Kent.

For sale, at a sacrifice, about 20 gross 12-oz., 10 gross 18 oz., 7 gross 24-oz. amber malt-extract bottles, with screw-necks; what offers? samples may be seen on application. 181/5, Office of this Paper.

What offers? C. & D., posted Mondays, commencing March 25; C. & D., 1896 and 1897, without Diaries; also 3 doz. N. M., 1 doz. W. M. 20 oz. shop-rounds, 1 doz. 12-oz. blue ointment-jars, all gold-labeled. BAGSHAW, 135 Lawrence Hill, Bristol.

Glass Bottles.—2½ gross ½ oz. actinic green round-shouldered vials, stoppered, 9s. 6d.; 1 gross ½ oz. ball-shaped stoppered perfumes, 12s.; 8 gross 2-oz. screw nickel-capped pomades, 9s.; 2 gross 2-dr. white ovals, 3s.; 8 gross 1-oz. white flats, 4s.; 8 gross 4-oz. blue wide-mouth direct squares, 6s.; 7 gross 2-dr. homeopathic vials, spouted, 2s. 6d.; 17 gross 2 oz. white fancy perfumes, 6s.; 23 gross 3-dr. heavy round-shouldered vials, 3s.; 16 gross ½ oz. Cannon essences, 4s. per gross; 3 gross 6-oz. white flint Lubius, 16s. 6d. per gross. Samples sent for stamps 6d. Apply, HEARNS (LIMITED), Lea Bridge, Clapton, London, N.E.

WANTED.

Camwal shares. State number and lowest price to LAWRENCE, Chemist, Rhyl.

Old electric lamps and scrap platinum. P. ROWSELL, 9 Derwent Grove East Dulwich, London.

Second-hand, a brass or aluminium camera, tripod-stand; one suitable for carrying on a cycle. Send lowest price to "PHOTO" (179/13), Office of this Paper.

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Beg to draw the attention of CHEMISTS visiting LONDON
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500 Cases Honeycomb Sponges. 150 Cases Toilet and Nursery Sponges.

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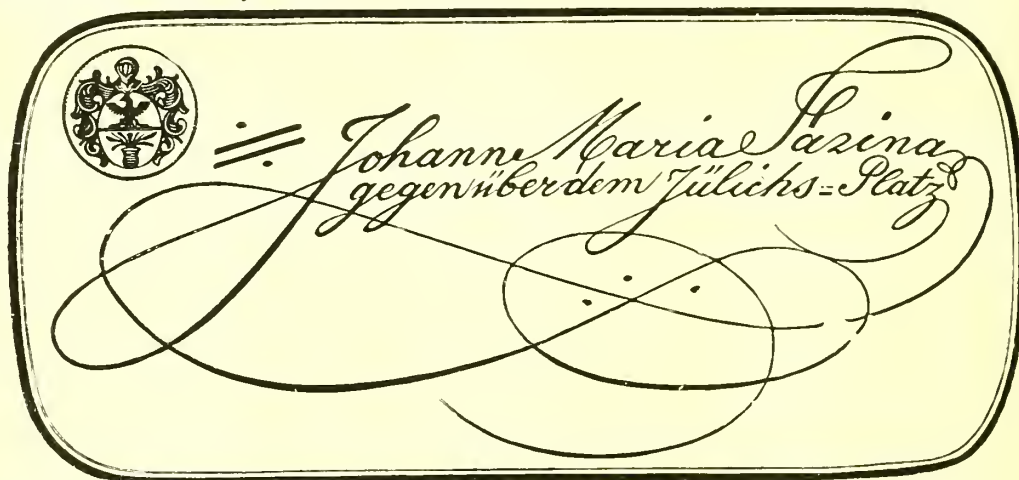
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I have the pleasure to hand you my Price List at foot, and would call your special attention to the facsimile of my Label as under. I have instituted thirteen suits in the High Court of Chancery for the protection of my Trade Mark, all of which have been decided in my favour.



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I only prepare one quality of Eau de Cologne. This quality never varies in the slightest degree, and there has not been the smallest change in the manufacture since the year 1709, when it was invented by my ancestor.

The superiority of my Eau de Cologne having been proved to the public by the above-mentioned highest distinctions, I have not taken part in any Exhibition since 1873.

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I may add that, as I do not draw on the Colonies, all Orders must be accompanied by a credit on some London House, or permission to draw on same at three months.

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The following are the sizes of my bottles:

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| No. 0. Small White Bottles | } as per figure plate | 24 bottles. |
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to one dozen

13/6

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An entirely New Odour—Unique in Character—Highest Concentration—Made from Flowers—Not an Artificial Production.



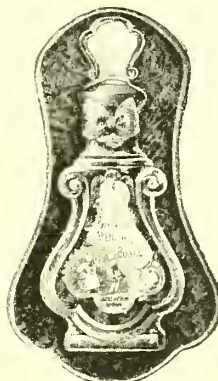
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Artistic
Excellence.*



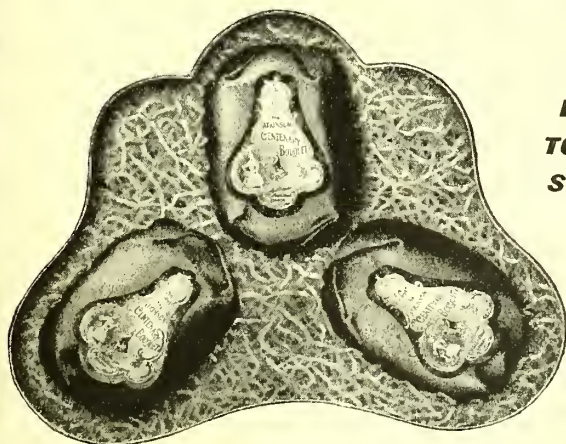
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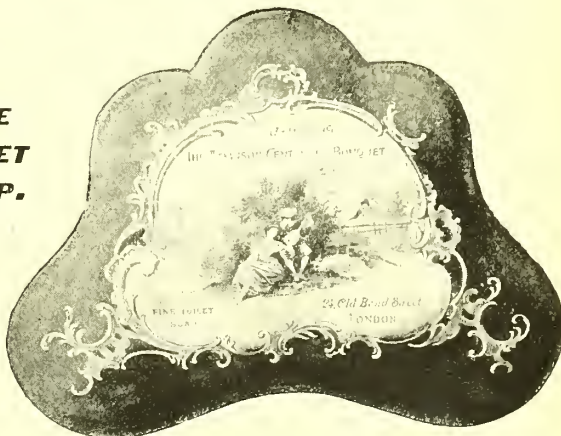
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TOILET
SOAP.**



No. 2291.— $\frac{1}{4}$ -DOZ. IN CASE 16/- per Dozen Tablets.

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40%**PROFIT****CURTISS'S SPANISH JULEP**

A Wonderful Preparation for Washing the Hair, curing Scurf and Dandriff. Advertised at 1/6, at which price we wish it sold by Retailers. It will pay all Chemists to push it, as once used it is always used, and they will constantly get repeat orders.

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Chemists' Exhibition, 1899.

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FLUID AND SOLID
DISINFECTANT POWDER.
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CARBOLIC ACIDS.
CARBOLIC POWDERS.
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EUCRYL**DISINFECTING PREPARATIONS.**

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these Preparations at

STAND No. 41**Chemists' Exhibition**

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PLATE POWDER

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We are probably the best-known Manufacturing Silversmiths in London, and are rapidly extending the sale of our Plate Powder, the best on the market. Price 5/6 per doz.; retails at Store price of 7/4, the 1/- size.
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In novel and ingeniously constructed Box, preventing waste or mess.


Perfumed and Carbolic, 6d. and 1/-. Bonus with First Order. Further particulars from

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PREVENTS DECAY.

1s. OSTEOTH BLOCK 1s.
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Chemists' Exhibition,

1899.

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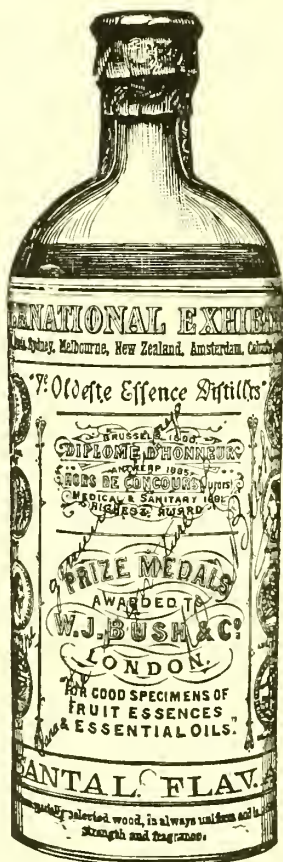


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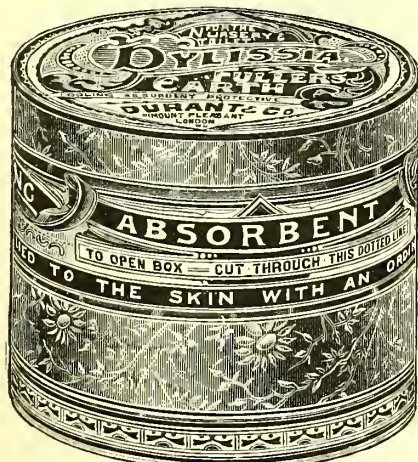
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 Medical " 1/1 1/2 & 1/9
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Toilet Retail 1/- & 1/6



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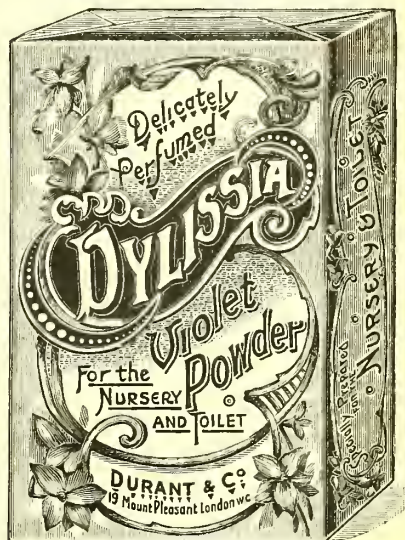
In 3 Tints—White, Pink, and Cream.
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Thomas & Co.
Tower Tea, Lim.

TEETHING PADS

Barclay & Sons, Lim.
Marriott, E., & Co.

THERMOMETERS

Ayrton & Saunders
Bailey, W. H., & Son
Darton, F., & Co.
Pastorelli & Rapkin

TINCTURES

Evans, Sons & Co.
Hewlett, C. J., & Son
Lloyd, T. Howard, & Co.
Parke, Davis & Co.
Wyley, Lim.

TOBACCO & CIGARS

Barclay & Sons, Lim.
Singleton & Cole, Lim.

TOOTH PASTE

Beecham, T.
Jewsbury & Brown
Maw, S., Son & Thompson
Parke, Davis & Co.
Sutton, O., & Co.
Woods, M. (Aroca)

TRADE MARK AGENTS

Barker, Reginald W.
Chapman, J. C., & Co.

TOILET

Allen & Hanburys, Lim.
Ayrton & Saunders
Barker, F., & Son
Beetham & Son
Burroughs, Wellcome & Co.
(Lanoline)
Grosfeld, J., & Sons, Lim.
Dee Oil Co., Lim.
Durant & Co.
Hovenden & Sons
Lynch & Co., Lim.
Major & Co., Lim.
Marshall's, Lim.
Maw, S., Son & Thompson
Quelch, H. C.
Sanitas Co., Lim.
Sharon Chemical Co., Lim.
Sharp Bros. Soap & Perfumery
Co., Lim.
Solport Bros.
Southall Bros. & Barclay
Squire & Sons
Tidman & Son, Lim.
Townsend, J. (Paper)
Vinolia Co., Lim.

VACCINATION

Maw, S., Son & Thompson
Vaccine Association (Lymph)

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TRANSFER AGENTS
Berdoe & Co. | Brett, F. J.
Judd & Manners
Orridge & Co.
Tomlinson, Thos., & Son

VANILLA

Parla, F.

VARNISHES, &c

Pinchin, Johnson & Co.

VASELINE

Chesebrough Co.

VETERINARY

Bird & Storey
Chambers, J. F.
Day & Sons
Day, Son & Hewitt
Ellieman, Sons & Co.
Harvey & Co.
John, A., & Co.
Lloyd, T. Howard, & Co.
Rackham & Co.
Sanitas Co., Ltd | Spratt's (Dogs)
Walker, Troke & Co.

VINOLIA Superfatted

Vinolia Co., Lim.

VINEGAR

Beaufoy & Co.
Grimble & Co.

WEED KILLER

Acme Chemical Co., Lim
Fletcher Bros. & Co.
Harrison, G. W.
Sanitas Co., Lim.
Tomlinson & Hayward

**WHOLESALE & EXPT
DRUGGISTS**

Allen & Hanburys
Allen, B., & Son
Allison, Johnson & Forster, Ltd.
Baiss Bros
Barron, Harveys & Co.
Bleasdale & Co., Lim.
Burgoyne, Burdidge & Co.
Bush, W. J., & Co.
Corbyn, Stacey & Co.
Davies, Gibbins & Co.
Davy, Hill & Son, Yates & Hicks
Evans, Gadd & Co.
Evans, Sons & Co.
Evans, Leacher & Webb
Ferris & Co. | Graf, F.
Goodall, Backhouse & Co.
Harker, Stagg & Morgan
Hearson, Squire & Francis
Hewlett & Son
Kemp, Wm., & Son
Lloyd, T. Howard, & Co
Lothhouse & Salmter
London Essence Co.
Macfarlan, J. F., & Co.
Potter & Clarke
Raines & Co.
Raines, Clark & Co.
Smith, E. A., & Co.
Stevenson, H. E., & Co.
Taylor & Colledge
Willows, Francis, Bntler &
Ayscough Thompson
Woolley, Jas., Son & Co.
Wright, Layman & Umney
Wyley, Lim.

WINES, SPIRITS.**BEER, &c.**

Beaufoy & Co.
Bowen & McKechnie
Burrough, J.
Clark, J.
Coleman & Co., Lim.
French Hygienic Society
Goodall, Backhouse & Co.
Holloway's Wine Co., Lim.
Muller, A., & Co. (Orange)
Phillips, G., & Co.
Robinson, B. (Orange)
Smith, S., & Co., Lim. (Orange)
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Symons, J., & Co., Lim.
Wilcox & Co., Lim.
Wright, Layman & Umney
Wyley, Lim.

**WM. R. WARNER & CO., PHARMACEUTICAL
CHEMISTS.**

Sixteen International Prize Medals Awarded.



TRADE MARK.



TRADE MARK.

Bromide of Sodium with Caffeine, in the Granular form. Very carefully and evenly made. Invaluable in Brain Fatigue arising from Over-work, etc. The *Lancet* (August 6, 1887, p. 265) states that "the Sodium compound does, in fact, agree better (than the potassium salt) with some stomachs."

Unequalled in their medicinal properties or in SOLUBILITY. Each pill will produce the effects expected, and an experience of thirty years, coupled with unremitting care and study has enabled the manufacturers to achieve RESULTS OTHERWISE UNATTAINABLE.

VASES OF PILLS.

Elegant Counter Vases, of four different patterns and sizes. Prices from 4/10 upward including 1,000 Pills. See full details in Warner's Price List.

"No. 120" is an "all round" Antibilious or Liver Pill which has found universal favour.

R. Podophyllin, 1 gr.; Ext. Colocynth, 1 gr.;	Per 1,000	Per Stopped	Per Bottle
Fv. Soc. Aloes, 1 gr.; Pv. Scammony, 1 gr.;	in Plain	Vase, with	(Bnlk)
Fv. Saponis, 1-8 gr.; Ext. Hyoscyami, 1-8 gr.;	Bottle	painted glass	of 5,000
Gingerine, 1-8 gr. Dose, 2 to 4.	4/-	label, 6/4	17/6
			84/2

The essential principle of the gizzard, and bearing the same relation to poultry that pepsin does to the higher animals. Where pepsin refuses to act, and where, in severe cases, it has even been rejected by the stomach, Ingluvin has rapidly effected relief. Per oz. Bottle (stamped), 4/6. Supplied unstamped, and in 4-oz. bottles (also in lentiforms) for Dispensing. [3]

British Depot—F. NEWBERRY & SONS (Established over 150 years).

1 & 3 KING EDWARD STREET, NEWGATE STREET, LONDON, E.C

Complete Catalogue, with Formulae, free on demand. Newbery's Annual Catalogues also contain full Details of these Preparations.

DR. MACKENZIE'S ARSENICAL SOAP.

6d. size, 45/- per gross; 1/- tablets, 90/- net cash.

Dr. Mackenzie's Improved Harmless Complexion Wafers.

2/9 size, 21/- per dozen; 4/6 size, 36/- per dozen.

Dr. Mackenzie's Face Lotion.

3/6 size, 30/- per dozen bottles; 5/- size, 40/- per dozen.

"Zenaline" for the Hair.

3/6 size, 27/- per dozen; 5/- size, 36/- per dozen.

"Bloom of Clematis" Face Powder.

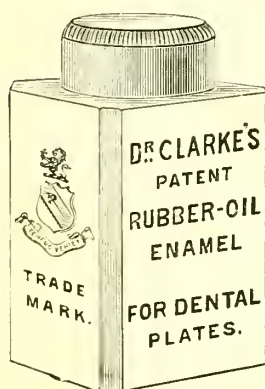
"Depilatory" & Dr. Mackenzie's Reducing Pills.

SPECIAL NOTICE.

With the New Year Dr. Mackenzie's Toilet Specialities are being put up in most artistic boxes, which make them very effective for window exhibition.

S. HARVEY, LIMITED, 5 DENMAN STREET, LONDON BRIDGE, S.E.

Not a Mere Theory, but a Solid Fact!



THE NEW PATENT RUBBER-OIL ENAMEL

The invention of an English Physician, after Five Years' Experiments, is absolutely indispensable to all wearers of Artificial Teeth. It renews and refixes all dental plates, however loose; provides an elastic medium or buffer for the gums; secures perfect suction and articulation; and does away with all clasps and springs. It can be washed with warm water, as if it were porcelain, and can be removed and renewed in a few minutes. The application is extremely simple.

ADDRESS THE MANAGER—

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For a Sample Jar, price 3/6 for the United Kingdom, and 4/9 for all other Countries, post free.

A FREE SAMPLE, with full directions, will be forwarded by the MANAGER on receipt of stamped addressed envelope.

Very liberal terms to Shippers and the Wholesale Trade.

Wholesale Agents—MAY, ROBERTS & CO., 9 to 11 Clerkenwell Road, E.C.



JEWSBURY & BROWN'S Oriental Tooth Paste.

Established over 70 years. Warranted to retain its properties and keep good in any climate. The original and only genuine is manufactured solely by

**JEWSBURY & BROWN,
ARDWICK GREEN, MANCHESTER.**

Particular attention should be paid to the Trade Mark, printed in red and green, facsimile of which is annexed, as numerous imitations are offered.

MAY BE OBTAINED FROM THE WHOLESALE HOUSES.

Bills and Showcards forwarded on receipt of Address Cards and directions for enclosures.

NEW LINES FOR CHEMISTS.

LANCE PERFUMES

See references in the Winter Number of THE CHEMIST AND DRUGGIST,
January 28th, to the Editorial Notices inTHE QUEEN, ILLUSTRATED LONDON NEWS, BLACK AND WHITE, (Patented).
THE GENTLEWOMAN, THE LADIES' PICTORIAL,
THE WORLD, TRUTH, etc.

— And also Terms for Competition by Chemists. —

£20 First Prize, £10 Second Prize, £5 Third Prize.

Will be Supplied through Wholesale Firms ONLY to Chemists. For information apply to

SOLE AGENTS for United Kingdom and Colonies (except Canada):

R. W. Greeff & Co., 20 Eastcheap, London, E.C.

MICROVOID TOILET SOAP.

This soap has been tested bacteriologically with good results. We have submitted it to careful analysis which has brought to light the antiseptic and disinfectant agent present which, as in many other cases, is not rendered inert by the soap basis. The soap is pleasant to use, and lathers freely and economically. According to our test it is absolutely free from alkaline excess, and is therefore well adapted for sensitive skins. Its value is further enhanced since it possesses distinct germicidal action.—
The Lancet, January 7, 1899.

DISINFECTING, ANTISEPTIC, GERMICIDAL. Boxes of 3 Tablets retail at 1/6.

Sole Proprietors—

THE SHARON CHEMICAL CO., LTD., DERBY.

LIME JUICE AND
LIME JUICE CORDIALS.

Large buyers are advised to send particulars of their requirements to

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F. S. CLEAVER & SONS

Are pleased to announce that they have secured a good position for their Stand at the forthcoming

Chemists' and Druggists' Exhibition,

At the AGRICULTURAL HALL, ISLINGTON,

which will be opened on June 19th and continued until June 23rd next, inclusive. Free samples of their Specialities may be had on application at their Stall.

Wholesale and Export Orders



TRADE MARK.

FOR
MASON'S

PERFUMED CARBOLIC ACID

"ODORINE"

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MARSHALL'S CUBEB CIGARETTES

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C. E. MASON & CO.

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(ORIGINAL HAUS)

EAU DE COLOGNE

SUPERIOR TO ANY OTHER BRAND.

Of all Wholesale Houses, and the Sole Agents for United Kingdom and the Colonies—

VAN OPPEN & CO.

HACKNEY, LONDON, N.E.

Makes the Skin Soft and Delicate.

HYDROXENE



SOAP

Invaluable for the Nursery and Toilet.

HYDROXENE Co., Old Stratford, STONY STRATFORD.

BRECKNELL'S PRIZE MEDALRecommended by
Eminent Medical Men.**SKIN**Unscented,
yet
Sweet as a Rose.Although low in price, it ranks with high-class
soaps, and is altogether the best extant for
producing a Clear and Healthy Skin.**SOAP.**The longer it is kept the more it improves and increases in value.
LIBERAL TERMS TO THE TRADE.**BRECKNELL, TURNER & SONS, LIMITED,**

To Her Majesty, &c., &c.

31 HAYMARKET, LONDON.
ESTABLISHED 1862.


JEANCARD, GAZAN & DOUMIN

Distillers and Importers,

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Distillery at CANNES (France).
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Distillery at KEZANLIK (Bulgaria).

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Trade Mark  J.G.D.

Telegrams: "JEANCARD LONDON."

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MUSK, CIVET, OTTO ROSE, AMBERGRIS.

VANILLOES—Direct Importation.

BLOCK & STICK JUICES.

GELATINES (all kinds).

SPECIALITIES, FLORAL EXTRACTS, &c.

Write for Price List and Samples.

STOCKS KEPT IN LONDON OF ALL STANDARD QUALITIES.

WARRICK

MAKERS of FLEXIBLE CAPSULES.

Best Quality Envelopes. Best Quality Ingredients.

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ANALYTICAL REPORT ON

STERN'S PARAFFINUM MOLLE,

ALB. AND FLAY., B.P., 1898.

"The samples of six qualities of White and Yellow Petroleum Jelly submitted to me for analysis fully answered the requirements of the New British Pharmacopœia for Soft Paraffin (Paraffinum Molle).

"There were no traces of fixed oils, fats, or resin in any of the samples, and no residue on ignition.

"The neutral character and satisfactory consistence of the jellies, and the absence of acrid odour when melted, showed that they had been carefully manufactured.

"In respect to quality they are superior to most of the Petroleum Jellies on the market.

(Signed) "E. J. MILLARD, F.O.S., F.R.M.S., &c.,

Sole Makers:

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(7)

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(LIMITED).

[1]

S.V.R.

58
o.p.
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p.o.

60
o.p.

CALE ST., CHELSEA, S.W.

and Methylated Spirit

AT LOWEST PRICES.

Write for Quotations.

BOORD & SON,

ISTILLERS, FOREIGN WINE AND SPIRIT MERCHANTS, AND METHYLATOR.

ALLHALLOWS' LANE AND BARTHOLOMEW CLOSE, LONDON, E.C.

Quotations for S.V.R. Methylated Spirit and Finish on application

FINEST ORANGE WINE FOR QUININE.

S.V. METH.

JONES & COMPANY,

COPPERFIELD ROAD,
LONDON, E.

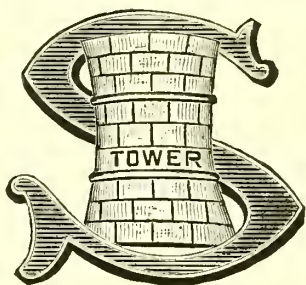
LARGEST MAKERS IN THE KINGDOM.

We are prepared to supply METHYLATED SPIRIT in
5-gallon quantities at Lowest Prices.

REDUCTIONS TO LARGE BUYERS.
SAMPLES FREE.

STOWER'S LIME JUICE

See that each Bottle bears the
REGISTERED TRADE MARK,
and also the Signature (in Red) of the
SOLE MANUFACTURERS.



Alex Riddle & Co.

Sole Manufacturers and Proprietors,

ALEXANDER RIDDLE & CO., 36 & 38 COMMERCIAL ST., **LONDON, E.**

SOME REASONS FOR STOCKING.

It is the ORIGINAL.
It is absolutely PURE.
It is attractively PUT UP.
It is largely ADVERTISED.
It is in great DEMAND.
It is supplied to HER MAJESTY.
It is exclusively recommended by the MEDICAL PROFESSION.
It is supplied to all the principal HOSPITALS.
It takes up no time to Sell.
It leaves a Fair Profit.

FREE TASTING SAMPLES AND COUNTER BOTTLES,
Handsome Show Cards, Attractive Bills,
and other Advertising material liberally and
freely supplied to the Trade.

The
Biggest,
Best,
and
Cheapest
Drink!

A Splendid Drink!

**MASON'S
EXTRACT
OF
HERBS**

FOR MAKING
NON-INTOXICATING
BEER.

DELICIOUS INVIGORATING BEVERAGE.
Always Refreshing.
Always Acceptable.

**MASON'S
EXTRACT OF HERBS**

8 GALLONS
of non-intoxicating
BEER FOR 6D.!

BEWARE OF USELESS IMITATIONS.

AGENTS
WANTED.

NEWBALL & MASON, NOTTINGHAM.



Idris Royal Table Waters

Chemists' Exhibition.

Idris & Co., Limited, are not exhibiting
at the Exhibition this year, but will
be pleased to see any of their friends
at their Factories,

PRATT STREET, CAMDEN TOWN

(Near North London Station, Camden Town).

IDRIS TABLE WATERS COMMAND THE LARGEST SALE.

SAMPLE CASE FREE TO CHEMISTS ON APPLICATION.

IDRIS & CO., LTD.

CAMDEN TOWN, LONDON, N.W.

Branch Factories at LIVERPOOL and SOUTHAMPTON.

CAUTION ! "YORKSHIRE RELISH."

IN THE HIGH COURT OF JUSTICE
CHANCERY DIVISION.

WILLIAM POWELL (trading as Goodall, Backhouse & Co.)

v.

MAY & CO.

NOTICE is hereby given that on the 24th day of February, 1899, the Hon. Mr. JUSTICE KEKEWICH ordered that the Defendants their servants and agents be restrained until judgment in this Action or further order from in any manner using or applying the words "YORKSHIRE SAUCE" or "YORKSHIRE RELISH" as descriptive of or in connection with or in respect of any Sauce or Relish manufactured by them or not manufactured by the Plaintiff without clearly distinguishing such Sauce or Relish from the Sauce or Relish of the Plaintiff And from describing any such Sauce or Relish as aforesaid as "THE ORIGINAL YORKSHIRE" SAUCE OR RELISH and from selling or offering or exposing or advertising for sale or procuring to be sold any such Sauce or Relish as aforesaid under labels or wrappers or enclosures or otherwise to be calculated to represent or lead to the belief that such Sauce or Relish is the Sauce or Relish of the Plaintiff and from selling or supplying any such Sauce or Relish as aforesaid in response to orders for "YORKSHIRE RELISH" or for the Sauce or Relish of the Plaintiff and from in any manner aforesaid or in any other manner passing off or enabling or assisting others to pass off any such Sauce or Relish as aforesaid as or for the Sauce or Relish of the Plaintiff.

Dated this 9th day of March, 1899.

J. SEYMOUR SALAMAN,

65 & 66 Chancery Lane, London,

Solicitor for

Messrs. GOODALL, BACKHOUSE & Co.,
Leeds, Yorkshire.

CONCENTRATED SIZE,



IN
1-lb., $\frac{1}{2}$ -lb., and $\frac{1}{4}$ -lb.
Packets
AND
 $\frac{1}{2}$ -cwt. CASES.

FINE
PALE
GLUES
AND

GELATINES

SAM'L. MEGGITT & SONS, LTD.
SUTTON-IN-ASHFIELD.

ALL CHEMISTS

Should keep it.

Put up on
1 doz. Cards.

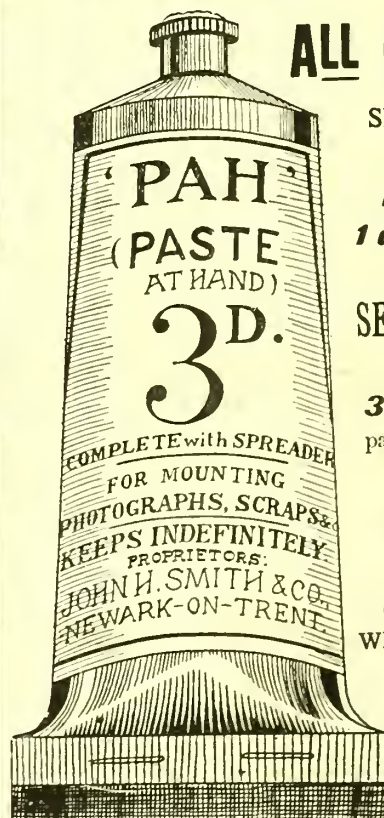
SELLS AT SIGHT

3 doz. carriage
paid on receipt of
P.O. for

6s.

Stocked by all
Wholesale Houses.

Patent applied for.



DR TIBBLES' *Van*-Cocoa

"Undoubted Purity and Strength."—*Medical Magazine*.

"In the front rank of really Valuable Foods."—*Lancet*.

PERFECTLY PURE BUT NOT INSIPID

FAVOURED BY THE HOMES AND HOSPITALS OF GREAT BRITAIN.

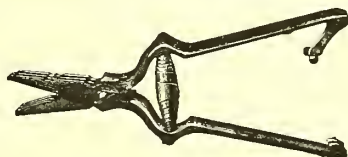
van Houten's Cocoa

Report by OTTO HEHNER, Esq., F.I.C., F.C.S.:—"Pure and Genuine."
"Method of manufacture in every way superior."
"Great strength and digestibility."

CARRIER'S ARTIFICIAL MASTICATOR

Highly recommended by the Medical Profession.

A BOON TO ELDERLY
PEOPLE.



INVALUABLE IN THE
CHILDREN'S NURSERY.

Price 12/6, Nickel Plated.

Sole Agents: S. MAW, SON & THOMPSON, 7-12 Aldersgate St., LONDON, E.C.



TOWER TEA.

The Best and the Cheapest in the World at the Price.

In $\frac{1}{4}$, $\frac{1}{2}$, and 1-lb. Packets only, to Retail at 1/-, 1/2, 1/4, 1/6, 1/7, 1/8, 1/10, 2/-, 2/4, 2/8 per lb. Also in Handsome 1-lb., 3-lb., and 5-lb. Decorated Tins, to Retail at 1/10, 2/-, and 2/4 per lb.

Agents appointed by

TOWER TEA, LIMITED, 5 JEWRY STREET, LONDON, E.C.

CAFÉ ZYLAK

PEPTONISED MILK AND COFFEE
(Concentrated).

This new preparation of Coffee with Peptonised Milk supplies a largely felt want in the case of Invalids and delicate people. It is a most valuable addition to the condensed peptonised milk foods which have met with such complete approval from the Medical Profession.

PEPTONISED MILK
(Concentrated).

PEPTONISED COCOA AND MILK
(Concentrated).

All the above preparations are sold in tins at 1s. 6d. and 2s. 6d., and are obtainable everywhere.

SAVORY & MOORE, 143 NEW BOND STREET, LONDON.

Chemists to the Queen and H.R.H. the Prince of Wales.

Proved Products of 170 years' reputation.

FRY'S
COCOAS & CHOCOLATES.

Price Lists, &c., on application.

TELEGRAPHIC ADDRESSES—

"FRY, BRISTOL." "FRYSON, LONDON."

250 GOLD MEDALS AND DIPLOMAS.

TEE-TO-TUM TEAS

ARE OF
EXCEPTIONAL VALUE.

PRICES—

11d., 1/1, 1/4, 1/6, 1/8, 1/10, 2/- per lb.

In $\frac{1}{4}$ -lb., $\frac{1}{2}$ -lb. and 1-lb. Packets, and 5, 7, or 10 lb. Tins.

AGENTS APPOINTED.

WRITE FOR TERMS TO

OTTO THOMAS, LIMITED, Proprietors of TEE-TO-TUM TEAS,

Head Offices and Duty-paid Stores,

27 & 28 WHITECHAPEL ROAD, LONDON, E.

THE

"ACME" WEED KILLERS

Have now a large sale through CHEMISTS, and early application should be made for Illustrated Counter Bills and Show Cards.



POWDER WEED KILLER.

Packed in small decorated tins.

Immediately soluble in cold water.

All tins Free.

No return empties.

Specially adapted for Export.

LIQUID WEED KILLER.

Strength: 1 gall. sufficient for 25 galls. of water.

DOUBLE STRENGTH.

1 gall. sufficient for 50 galls. of water.

Liberal terms to the Trade.

Particulars on Application.

GENUINE KENTISH COMPRESSED HOPS.

In 1-lb. and $\frac{1}{2}$ -lb. packets, with directions for making Hop Ale, Hop Bitters, &c.

Also best Kentish Hops in bulk.

QUASSIA CHIPS, QUASSIA CUPS, &c.

SOLE PROPRIETORS AND MANUFACTURERS—

THE ACME CHEMICAL COMPANY, LIM.

TONBRIDGE, KENT,

And **CARLTON ST., BOLTON, LANCASHIRE**

NO BAD STOCK.

Original 6-doz. Case,

£10 19s.

3 % Discount off

6-case lots.

MARIANI WINE

SANTAL-MIDY

Wholesale
33/- a doz.

CAPSULES.

Retail,
3/6 per bottle.

FRANZ JOSEPH

Per doz.
Large. 12/-
Small. 10/-

WATER.

Original Case,
25 Large. 50 Small.
22/6. 35/-

JOY'S ASTHMA CIGARETTES

2/6.

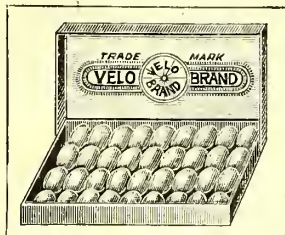
NATIVELE'S XTALISED DIGITALINE

(GRANULES).

The above Specialities are being largely advertised, and inquiries are certain to be made for them. All Chemists are strongly recommended to keep them in stock. To **remove all risk, WILCOX & CO.** guarantee, in remote event of non-sale, to credit unsold goods if returned through Wholesale House in the usual way. (Franz Joseph Water can only be credited if purchased direct from W. & Co.)

WILCOX & CO., 83 MORTIMER ST., LONDON, W., Depôt for all FRENCH AND GERMAN PROPRIETARY MEDICINES.

Apply for Samples
and Prices.



CAPSULES & PERLES

(VELO Brand).

All strengths in pure beechwood CREASOTE, GUAIACOL, SANDAL WOOD OIL, COPAIBA, PHOSPHORUS, CASCARA SAGRADA, and various compound formulæ, kept in stock or made at shortest notice.

*These Capsules are made by a special process which enables them, whilst being made only from purest drugs, to be **offered at prices which are quite the lowest in the market.***

WILCOX & CO.83 MORTIMER ST.,
LONDON, W.SOLD IN BULK, OR IN TIN BOXES
LABELLED & WRAPPED FOR RETAIL SALE.Made in hard Gelatine for Warm
Climates if desired.

"A BOY CAN PUSH A MAN'S LOAD"



By using a smart Parcel Cart to deliver your goods you advertise in the cheapest and most effective manner, and therefore increase your sales.

LIGHT DELIVERY CARTS
WITH AERATED-WATER RACKS
Specially Constructed
for Chemists.

CATALOGUE FREE on application.

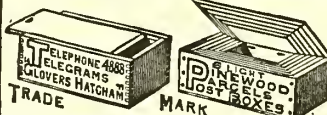
ROTHSCHILD & BAKER,
PARCEL CART & INVALID CARRIAGE-MAKERS,
Summer Row, BIRMINGHAM.

"A CAPITAL IDEA"!!

Said friend JONES, the GO-AHEAD CHEMIST. "I'VE DOUBLED MY TRADE last year since I commenced packing all my customers' prescriptions in Glover's small wood boxes."

And JONES CHUCKLED!!

WOODEN
BOXES
ALL SIZES
MADE TO ORDER



PRICE 16/-
per doz. nests of 6
Boxes, planed and binged,
from 5' x 2 1/2' x 1 1/2' to
9 1/2' x 6 1/2' x 4 1/2'. Nests of 6 for Bottles,
4 oz. to 16 oz., at same price. Single nest, 1/6.
Special Terms for Large Quantities to Shippers.

"CAPITAL, INDEED"!!!

Said the Colonial Shipper. "Those light nested boxes, shipped in cases (each containing gross nests), are just what is wanted, and I am getting repeat orders doubled. We are all indebted to the Makers.

Messrs. C. H. GLOVER & CO., London Boxworks and Sawmills,
HATCHAM, LONDON, S.E."!!!

THE GREAT AND MARVELLOUS INSECT DESTROYER.

Entirely different from any other Beetle or Flea Powder.

"VIKO" will
kill Cock-
roaches.

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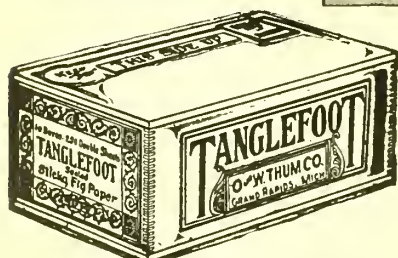


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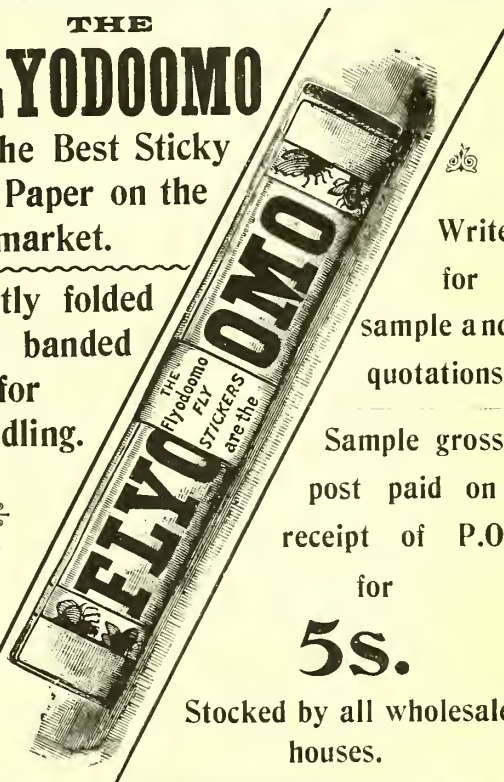
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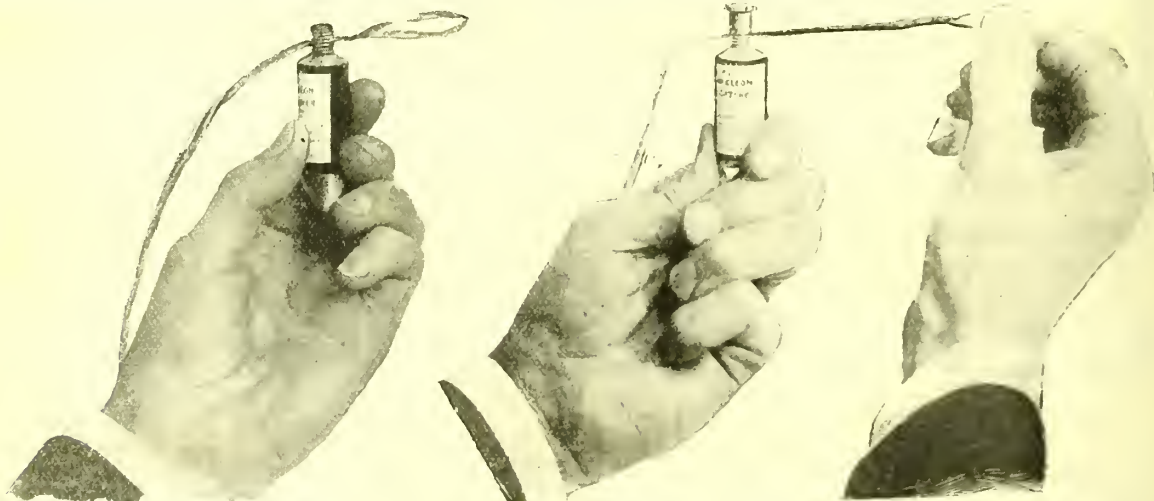
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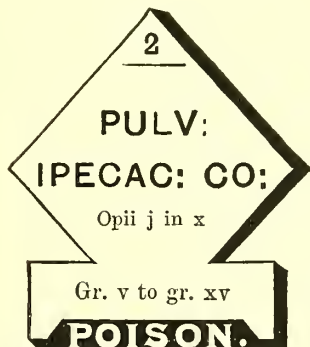
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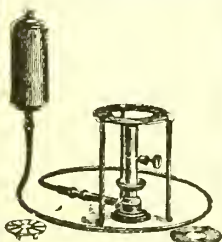
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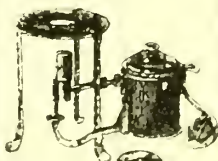
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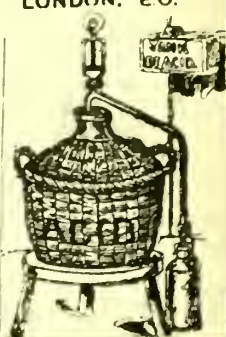


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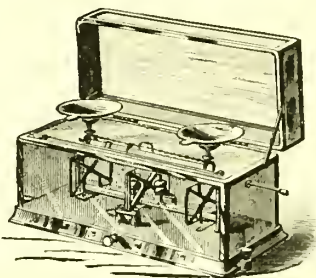
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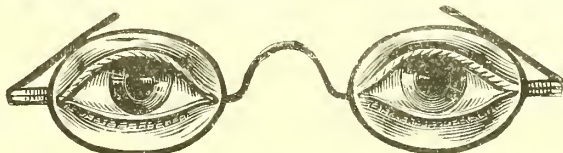
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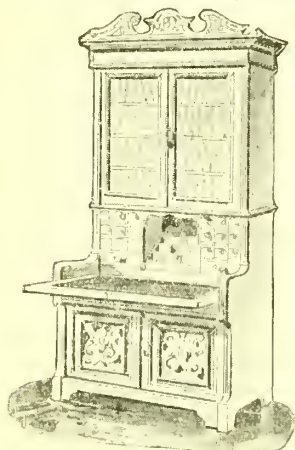
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The Chemist and Druggist
Summer Issue JULY 29, 1899.**THE DRUG TRADE**

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SUBSTANTIAL TRADE VALUE

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Pharmaceutical Society of N.S. Wales.
Pharmaceutical Society of Queensland.
Pharmaceutical Society of South Australia.
Pharmaceutical Society of Tasmania.
Pharmaceutical Society of Western Australia

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	Westminster Wisdom

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HOW TO DISTRIBUTE THEM TO THE DRUG-TRADE.

MANY of the best advertisers in the drug-trade have endorsed our view that it is more effective as well as cheaper to distribute circulars and price-lists stitched up in THE CHEMIST AND DRUGGIST than sending them singly by post. We make such insets in the *C. & D.* notable by the fact that we only receive them twice a year for distribution, and, of course, we ensure that they get into the hands of the right people. Sending them singly by post is more or less (principally "more") a lottery, gives immense office trouble, and costs at least three times more than our charge for inserting them in the *C. & D.* We would advise those who think of the matter to write to our publisher for particulars about the next distribution—the Summer number, July 29, 1899. He will not only give particulars about the charges, but what artistic assistance he can in designing or arranging insets. The date is two months distant, but near enough for prompt instructions to printers.

Summary.

NEW STORE-PRICES are printed on p. 946.

A LIST of the first local corresponding secretaries of the British Pharmaceutical Conference is given on p. 953.

THE WESTERN CHEMISTS' ASSOCIATION have had a discussion on the company-pharmacy legislation (p. 958).

THE EAST LANCASHIRE CHEMISTS' ASSOCIATION had a good time in their own way on Tuesday evening (p. 967).

MR. WM. STEAD, JUN., has written a book on "The Art of Advertising," which is rather good. We give some facts from it on p. 965.

THE BRITISH CHEMICAL-TRADE during May was exceedingly good, especially for export. We give the Board of Trade figures on p. 963.

THE EARLY CLOSING ASSOCIATION has had to pay 150*l.* for libelling a tradesman who refused to join in a half-holiday arrangement (p. 966).

IPECACUANHA is 3*s.* per lb. dearer this week, the first-hand supplies having been bought up. The exact condition of the market is referred to on p. 963.

THE SHIPMENT OF CARBON BISULPHIDE is dangerous, and recommendations are made to the Board of Trade which shippers should observe (p. 946).

THREE CHEMISTS and a drysalter at Birmingham have been fined for selling camphorated oil not made in accordance with the B.P. (pp. 957 and 967).

ISAAC GORDON, the moneylender, has had to sue a Lancashire chemist, who had made use of Isaac's gold but tried to avoid paying him his interest (p. 958).

THE MIDLAND PHARMACEUTICAL ASSOCIATION are trying to bring off a valuable arrangement with Mason College, which will provide a high-class curriculum and, perhaps, a degree in pharmacy (p. 966).

EDINBURGH CHEMISTS have drafted a Pharmacy Bill of their own which deals with the company-question (p. 952). We comment upon it in an article on p. 963.

THE VICE-PRESIDENT of the Council told Major Rasch, M.P., that the Privy Council had no means of knowing how many deaths resulted from dispensing in doctors' surgeries (p. 972).

THE GENERAL MEDICAL COUNCIL have concluded their Summer Session. We report on pp. 954-5 matters referring to the B.P., an Irish financial grievance, dentists, midwives, and spectacle-makers.

SOME INTERESTING PARTICULARS of the profits on saccharin came out in the report of the litigation between the German makers and the British agents. The dispute is to be settled by arbitration (p. 959).

THE IRISH PHARMACEUTICAL COUNCIL see no hope of securing the co-operation of the Council in Great Britain in opposing the Companies Bill. Their own action is foreshadowed in a speech by the President (p. 951).

BUSINESS in the drug and chemical markets is quiet this week, and except for the advances in citric acid, ipecacuanha, and the firmness of opium, morphia, and otto of rose, changes are of secondary importance (p. 978).

THE EXECUTORS of the late Mr. A. J. White will have to pay estate-duty upon Mother Seigel shares, valued at 120,000*l.*, which were transferred to Mr. White's New York solicitor shortly before his death. The Crown authorities took legal action, and Mr. Justice Grantham has decided in their favour (p. 956).

IN REGARD TO BENZINE, the London County Council are rigidly enforcing the regulations of the Petroleum Acts, so that bottling on unlicensed premises is prohibited (p. 936). A London wholesale druggist has been fined for keeping benzine in bulk (p. 959). The High Court has held that a compound containing 33 per cent. of petroleum, giving off inflammable vapour at 73° F., comes within the meaning of the Act (p. 960).

English News.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

Store-prices.

The following are alterations in the June issue of the Army and Navy Stores circular:—

REDUCED.—Tabloids: aloin compound, $7\frac{1}{2}d.$ and $1s.$ per bottle; antifebrin (2-gr.), $4d.$ and $8d.$ per bottle; guaiacum and sulphur, $6d.$ and $1s.$ $3d.$ per bottle; potassium chlorate, $3\frac{1}{2}d.$ per box; strophanthus, $7\frac{1}{2}d.$ and $1s.$ per bottle; sulphur compound, $4d.$ and $8\frac{1}{2}d.$ per bottle.

ADDITIONS. Chapman's pine and eucalyptus baths, $6s.$ $6d.$ per doz.; Ludine hair-wash, $2s.$ $10d.$ and $4s.$ $11d.$ per bottle.

DISCONTINUED.—Bishop's effervescent antipyrin, $3s.$ $5d.$; tabloids pepsin saccharated; miniature medical batteries, $15s.$ $9d.$

Shipping Carbon Bisulphide.

The report of a Board of Trade inquiry into the circumstances attending the damage by fire to the liner *Italian Prince* in the Gulf of Mexico in December last has just been published. The evidence given at the investigation showed that a portion of the vessel's cargo consisted of ten 50-gal. drums of bisulphide of carbon, which were stowed on deck, the holds beneath being filled with hemp. Shortly after sailing the carbon bisulphide took fire and ignited the hemp, causing considerable damage before the flames were overcome. The drums were marked "Bisulphide of carbon—on deck," but there was no indication that the goods were dangerous as there ought to have been. As a result of the inquiry it is recommended that bisulphide of carbon be carried in smaller casks; that the drums be tested to a pressure above that to which they are likely to be subjected; that in filling the casks a 10-per-cent. space be allowed for expansion; that the packages be distinctly marked "Dangerous," and that they be stowed at a distance from heated surfaces or possible contact with sparks or fire.

Salol for Toothache.

An inquest was held at Seacroft on June 9 on the body of a man named Gee, who died after having taken what was described as "a certain new nostrum" for toothache, and which was afterwards stated to be salol.

Poisoned by Vermin-killer.

At an adjourned inquest at Hull on June 9, touching the death of a woman named Dresser, the City Analyst said he had examined the stomach and contents and found about $\frac{1}{2}$ gr. of strychnine. The smallest amount known to kill an adult was about $\frac{1}{16}$ gr. That which he discovered would play no part in the cause of death, being over and above that absorbed into the stomach. Deceased might possibly have taken 2 or 3 gr. It was a poison that absorbed rapidly. Dr. Wetherell said the condition of the body was consistent with strychnine or other irritant poisoning, and, after hearing the evidence of the City Analyst, he was of opinion that the girl had died from strychnine-poisoning. James Escarcet, wholesale druggist, 29 Durham Street, said he employed deceased to clean his office. He got six packets of Battle's vermin-killer, which contained strychnine, on April 22, only one of which had been sold. When he knew of the girl's death he looked through the stock, and found that only four packets of the vermin-killer remained. Poisoned by strychnine, was the verdict, and Mr. Escarcet was requested, in future, to keep all poisonous things under lock and key.

Pure Alumen Powder.

At Stroud Police Court on June 9, James Clay, described as a chemist, but whose name is not on the register, was charged with obtaining money by false pretences. The prosecutor, a baker named Hathaway, deposed that prisoner called upon him, and stated that he was in possession of a chemical substitute for cream of tartar which another baker in the town was so pleased with that he gave him a sovereign and a free lunch. In consequence of these and other representations, Hathaway gave prisoner a cheque for 10s., in

exchange for which prisoner wrote on a piece of paper "Pure alumen powder, to be used as cream of tartar." At that time he was not aware what that was, but he since had ascertained that its use was prohibited. Prisoner, who said his "substitute" was very extensively used by bakers, was committed for trial at the Quarter Sessions.

A Vitriol Accident.

On June 7, while Mr. Eldridge, assistant to Mr. J. Keeble, chemist and druggist, Market Square, Crewkerne, was diluting a quantity of oil of vitriol with alcohol, some of the liquid splashed into his face, which was severely burned. A quantity of the liquid entered one of the assistant's eyes, but it is hoped that the sight has not been destroyed. Mr. Keeble applied appropriate remedies pending the arrival of a doctor.

Midland Chemists' Assistants' Association.

The annual general meeting of this Association was held at Birmingham on June 7, Mr. G. Selby (President) in the chair. The financial statement showed a credit balance of 7l. 5s. After thanks had been passed to the officers of the Association, Mr. Selby reviewed the work of the session, and, with a view of stimulating interest in the Association, supported the suggestion that prizes should be given for original papers by members. Aporeciation was expressed of the objects and efforts of the Federation of Local Associations. An endeavour is to be made to organise excursions during the summer months.

From the Colleges.

At the present time there are six ladies preparing for the Apothecaries' Hall and Minor examinations at the Manchester College of Pharmacy.

On June 8 the students of the Imperial College of Chemistry were conducted through the London and St. Katharine's Docks. After visiting the ivory-warehouse, where there are eighty thousand pounds' worth of tusks, the spice-floors claimed attention, and the students had the opportunity of watching the sorting of nutmegs. Attention was drawn to the nutmeg-weevil, and the methods of patching and sophistication were explained. The iodine-warehouses were next visited, and much astonishment was expressed at the immense number of hundredweight kegs, occupying four floors, to be seen there. The men working among the iodine work in relays, as breathing iodine-vapours induces drowsiness.

Abortion-charge.

At Wolverhampton Police Court on June 8, Jesse Masor, alias Smart, was charged with having supplied powdered ergot to a young unmarried woman with an unlawful intention. It was stated that the prisoner advertised in provincial papers and in "Old Moore's Almanac" under the name of "Mrs. Adèle Smart." Only formal evidence was taken, and prisoner was remanded.

Fires.

Considerable damage was done by a fire which broke out on June 11 on the premises of Mr. Joseph E. Eades, druggist, Pensnett.

A destructive fire occurred at Halesworth on June 4 in a photographic establishment, which was in the same building as the pharmacy of Mr. W. J. Everett. Before the fire was subdued the studio, Mr. Everett's pharmacy, and an adjoining drapery establishment were completely destroyed. At one time it was feared that the houses on the opposite side of the thoroughfare, one of which is occupied by Mr. J. H. Gosling, chemist, would be attacked, but this was happily averted by the arrival of fire-brigades from neighbouring towns. The damage done is estimated at about 5,000l.

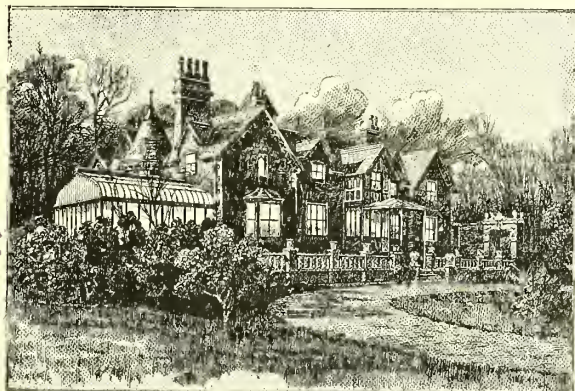
On June 10 fire was discovered in a warehouse belonging to Mr. H. Martin, chemist, Lincoln, which was situated at the rear of his pharmacy. The warehouse was a two-storey building with stables attached, in which were two horses. A considerable quantity of oil and other inflammable liquids were stored in the building, which was totally destroyed, two of the horses being burnt to death. Damage to the extent of about 600l. was done before the flames were subdued. This is the second warehouse Mr. Martin has had destroyed by fire.

Metric Weights and Measures.

Mr. A. J. Street, Chief Inspector of Weights and Measures for the City of London, Whitecross Street, E.C., has issued a scale of charges for stamping metric weights and measures. These are for weights from 1 milligramme to 1 kilo 1*d.* each, 2 and 5 kilos 2*d.* each, and 10 to 20 kilos 3*d.* each. Measures from 1 centilitre (10 c.c.) to 2 litres will be charged 1*d.* each, but graduated glass measures will be charged according to the number of graduations on the same scale as English measures. The charge for stamping each metre measure is 1*d.*

Brockwell Hall.

This fine old mansion on the Brockwell Hall Estate at Herne Hill has been acquired by Messrs. Burroughs, Wellcome & Co., and is now undergoing reconstruction to adapt it for use as the Wellcome Physiological Research Laboratories. This work, which is chiefly connected with the pro-



duction of antitoxic serums, has hitherto been done at the Charlotte Street laboratories, which are now inadequate to meet the growing demand for the serums. Brockwell Hall has an extensive paddock, and is otherwise admirably adapted for the intended purpose. The firm have also introduced solids of sodium chloride (30 gr.), and sodium chloride and sulphate (15 gr. each), to provide an expeditious means of preparing solutions for intravenous injection. We note that their offices, warehouses, and laboratories will be closed on Saturday, June 24, on the occasion of their annual outing.

London C.C. Tenders.

At a meeting of the London County Council on June 13 it was agreed, on the recommendation of the Stores Committee, to accept the following tenders for one year from July 1:—Chemicals, Burgoyne, Burbidges & Co.; disinfectants, Messrs. J. L. Wade & Co. and Middleton Brothers.

L.C.C. and Chemists' Exhibition.

At the weekly meeting of the London County Council the Theatres and Music-halls Committee reported having considered the plan showing the arrangements for the Chemists' Exhibition, proposed to be held in the Agricultural Hall, Islington, from June 19 to 23. They recommended the acceptance of the plan on the following conditions:—(1) That in the construction of the walls no thin wood lining and divisions be employed; (2) that every stall or structure of a like character which is placed within 5 feet of any other stall or structure of a like character or any part thereof be restricted to a height of 12 feet; (3) that all roofs or coverings be of plaster or other fire-resisting material; (4) that all hangings used for draping be rendered fire-resisting; (5) that special arrangements be made to the satisfaction of the Council for the extinction of fire.

Analyst's Report.

Mr. C. A. Seyler, analyst to the Glamorgan County Council, reports that he found all the samples of drugs which he analysed during the last quarter genuine, with the exception of one sample of camphorated oil, which was

deficient in camphor to the extent of 46 per cent., and the oil was a mixture of about four-fifths cotton-seed and one-fifth mineral oil, so adjusted as to resemble olive oil in sp. gr. Out of the thirty-one samples of butter, ten contained boric acid, but in quantities within the limits (5 per cent.) allowed by the Council.

A very Monstrous Thing.

At Penge Petty Sessions on June 13, at the hearing of a charge against a general servant for attempting to commit suicide by taking salts of lemon, which she had purchased at a chemist's shop in Oakfield Road, Penge, it was stated that another packet of the poison was found under her pillow.

The Chairman (Mr. J. Judd) condemned the practice of chemists selling poison without making the fullest possible investigation, in order to prevent an improper use being made of it. Even if the poison was not scheduled, the fullest investigation should be made.

Dr. Hetley (another Magistrate): It is a shocking thing that a chemist, for the sake of a few pence, should sell poison to a person out of her mind.

The Chairman: It may be well to communicate with this chemist, and express the feeling of the Magistrates on the subject. Under no circumstances should poison of this kind be sold to applicants without proper precautions. It is a pity that it is omitted from the schedule. Some time ago a chemist here, who had done a similar thing with the same result, seemed to consider that as the Act of Parliament did not tell him not to do it, he was morally justified in selling poison without proper inquiries. It is a very monstrous thing.

The Bench directed the local inspector of police to communicate their views to the chemist referred to.

Keep Poisons Locked Up.

An inquest was held at Kettering on June 8 relative to the death of an employé in the mineral-water factory of Mr. Arthur Jones, chemist and druggist, Kettering, who drank some sulphuric acid in mistake for mineral water. Mr. Jones stated that immediately after deceased drank the acid he administered some bicarbonate of soda, and sent for a doctor. Deceased, on entering his employ on the previous Monday, was cautioned against touching any bottles upon a certain shelf. Deceased had no business in that part of the premises, and none of the employés were allowed to touch the bottles containing the acid. No other bottles except those containing acids were placed on the shelf in question. The jury returned a verdict of death by misadventure, and added a rider recommending Mr. Jones to keep all the poisons in future in a locked cupboard.

Medicine-mistake.

At South Moor, on June 10, a 14-year-old lad, named Siddle, who was suffering from a bad cold, took a dose of medicine which an elder brother had been taking for heart-disease, and died before the stomach-pump could be applied.

In Spite of the Poison-bottle.

On June 5 a woman named Donnan entered the shop of Mr. Wm. Robert Scott, chemist and druggist, Denton Street, Denton Holme, and asked to be supplied with twopennyworth of carbolic acid for cleaning-purposes. She produced an ordinary medicine-bottle, but Mr. Scott refused to supply it in that, and gave her instead a special ribbed poison-bottle. Subsequently she drank some of the acid and died.

Nobody has been Poisoned.

At a meeting of the Exeter Corporation of the Poor last week the Chairman suggested that a special meeting should be held at the workhouse to inquire into the present method of dispensing medicines at the house. His own idea was that it was highly unsatisfactory. Theoretically, the medical man dispensed the medicines, but he believed that practically it was done by the male nurse. The matter had been before the Board on two or three previous occasions. Several members thought that as the doctor had undertaken to dispense the medicines the Board should not interfere; but a lady member considered it the duty of the Board to see how the poor get their medicines. Another member inquired if

any fault had been found with the dispensing, to which the Chairman replied that "nobody had been poisoned." After considerable discussion, it was ultimately decided to take no action in the matter.

Sale of Cough-mixture.

An inquest was held at Southampton on the body of a child of 4 months who died suddenly on June 3. The mother gave evidence, and also Dr. Sellon, who said death was due to pneumonia, and that the mother did wrong to give the child a certain kind of cough-mixture, bought for another child of 2 years, which contained a quantity of paregoric. The mixture was bought at a general shop. The Coroner remarked strongly on such medicine being sold indiscriminately. Only qualified men should sell such medicine, and he thought it was a matter that should be brought before the Pharmaceutical Society. The jury returned a verdict in accordance with the medical testimony.

Choked by a Regulator.

At an inquest held at Bath last week on the body of a six-months-old baby it transpired that the mother missed the regulator from the tube of the child's feeding-bottle, and, suspecting that it had been swallowed, she took the child to two doctors, who, however, were unable to detect anything in the throat. The child was afterwards taken to the Royal United Hospital, where tracheotomy was performed, and the regulator found firmly fixed in the back of the throat. Death resulted from inanition.

Midland Pharmaceutical Association.

At a Council-meeting of this Association, held at Birmingham last week, the President (Mr. Jeffrey Poole) and Vice-Presidents (Messrs. J. Barclay and F. H. Alcock) were re-elected for another year.

Yorkshire Optical Society.

At a meeting held on June 14 at Leeds an Optical Society for Yorkshire was formed. Dr. Chas. Forshaw, Bradford, was elected Secretary, and gave an address on the objects and aims of the Society.

Chemist's Assistant Drowned.

On June 8, whilst a Machynlleth chemist's assistant, named Hugh Williams Evans, aged 18, was bathing in the Dovey River, he was suddenly seized with cramp, and, in spite of a companion's efforts to save him, was drowned.

Alleged False Pretences.

At the Greenwich Police Court on Wednesday, John Barton was charged with obtaining 3*l.* 10*s.* by false pretences from Wm. Ralph, chemist, Lee. When arrested and charged, prisoner said he was going to pay some money into the bank, and denied any intention to defraud. Accused was remanded, bail being accepted.

The Explosion Upset Him.

The body of Mr. A. J. Mott, a Gloucester merchant, was recovered from the canal just outside the city on June 14. Mr. Mott had suddenly disappeared from his office, and it is thought that his mind was possibly affected by an explosion which occurred recently while he was conducting a chemical experiment in his private laboratory.

Royal Photographic Society.

The forty-fourth annual exhibition of photographs will be held in the gallery of the Royal Society of Painters in Water Colours from September 25 to November 11. Exhibits sent by carrier must arrive before September 5, or if by hand before 9 P.M. on September 6, at 66 Russell Square, W.C. The Secretary of the Society at that address will furnish all particulars on request.

Stealing Syphons.

At Newington Sessions on June 14, Henry Richards, traveller, and Horace Turner, bottle-filler, employed by a firm of mineral-water manufacturers at Fulham, pleaded guilty to stealing ten syphons, the property of their employers. Richards was allowed 1*s.* each for syphons

returned by customers, and he induced Turner to sell him syphons at 6*d.* each which had been taken out of stock. Richards then handed them in as having been returned by customers, and so pocketed, presumably, a considerable number of sixpences, as the fraud had been going on for some time. Richards got four and Turner one month's imprisonment.

Cricket

At Brockley, on June 10, Stevenson & Howell's C.C. v. Sharp Brothers' C.C. Stevenson & Howell's team scored 73, and their opponents only attained 36.

Johnsen & Jørgensen C.C. v. East London Soapworks C.C. — Played at Walthamstow on June 10. Scores: J. & J., 53 (G. J. Richardson 23); E.L.S.W., 56 (Beale 18).

On June 10, at Tottenham, Hewlett's C.C. v. Stafford Allen C.C. Hewlett's scored 96 for eight wickets, Stafford Allen 83. Mr. Cartwright made 34 for Hewlett's C.C., and Mr. H. Allen 37 for his team.

Bolland C.C. v. Davy Hill's C.C. — At West Green, June 10. Scores: D.H.C.C., 79; B.C.C., 58. For winners H. S. Collins scored 21 not out, and T. Sibley took 4 wickets for 10 runs; and for losers Howlett scored 19.

Burgoyne's C.C. played Willows, Francis & Co.'s C.C. at Elm Farm on June 10. Result: Burgoyne's, 77; Willows, Francis', 59. Bond (24) was top scorer for Willows, Francis', and Moxon (22) for Burgoyne's. Beedells howled well for the losers.

The Polyclinic Opened.

The Polyclinic located in Cheries Street, Bloomsbury, was inaugurated on June 14 by a dinner at the Trocadero. Sir John Lubbock was in the chair, and in the course of the inevitable speeches the scope and objects of the institution were explained. As before mentioned in *THE CHEMIST AND DRUGGIST*, the object of the polyclinic is to provide medical men with opportunities of becoming familiar with exceptional forms of ailments and with the best and most modern forms of diagnosis. Fees will be charged for the special classes and lectures, and it is intended to raise by donations a sum sufficient to purchase and equip the buildings, to which fund Lord Iveagh and Dr. Theodore Williams have already subscribed 500*l.* each.

Pharmacy in Manchester.

Great changes have taken place in the drug-trade in Manchester during the last two or three years (writes our Manchester correspondent). Numbers of old businesses have departed. What was once the chief dispensing-house in the city has entirely gone; another has taken on side-lines to make up for its decaying trade; and a third has given up a commanding position and removed to smaller premises in a quieter street. The same thing is observable in the suburbs. Old family businesses are being closed, and chemists tell you there is not the slightest doubt that the bulk of the drug-trade is now in the hands of cutters, grocers, and drug-companies. One of the leading grocers in Manchester, with numerous branch-establishments, has started a pharmacy; and drug-companies, under the aegis of the Limited Liability Acts, become "chemists" without having acquired the title by examination.

The Chemist Blamed.

The evidence at the Coroner's inquiry into the Spalding poisoning-case, referred to in our issue of June 3 (page 874), was concluded at Orby on June 13. The allegation is that Edward Bell poisoned his wife by giving her white mercury and strychnine in her medicine. Evidence of the purchase of large quantities of these poisons by the accused was given at the last hearing by Mr. A. H. Molson, manager of the Spalding branch of the Talbot Herbal Remedies Company (Limited). Dr. Barrett, of Spalding, who attended deceased during her illness, having deposed that the medicine which he prescribed contained neither mercury nor strychnine, Dr. Stevenson, analyst to the Home Office, stated that in an analysis of the stomach and organs he found $\frac{1}{2}$ gr. of mercury and 3 gr. of strychnine. The Coroner having summed up, the jury returned a verdict of wilful murder against Bell. They further expressed the opinion that the chemist was seriously to blame in selling to Bell such a

large quantity of poison, remarks which the Coroner also endorsed.

Shipping-rings.

On June 8 Mr. Ritchie, President of the Board of Trade, received an influential deputation organised by the British Iron Trade Association, who urged that serious harm was being done to British trade by the system of shipping-rings and differential freights, and asked for an inquiry by a Royal Commission or Select Committee. Mr. Ritchie, in reply, recognised the enormous importance of the subject and the grievance of shippers who were placed at a disadvantage through facilities given by British shipowners to foreign rivals, but pointed out the extreme difficulty of devising a remedy. He was sure that it was not possible for the Government to take any steps as against legitimate combination either of shippers or of shipowners. As to mail subsidies, he pointed out that so far as South Africa was concerned, that was not a matter with which the Government could deal, because they did not pay the subsidies. As to other subsidised lines, the subsidy given by the Government was not in the nature of a bounty, as was the case abroad in some cases—it was for services rendered. Even although it might not be in the power of the Government to do much, the Commercial Department of the Board would obtain all the information on both sides of the question that it was possible to obtain, and, when the facts were properly set out he would take care that they should be made public.

Retired Wit.

Since Mr. Justice Hawkins, now Lord Brampton, retired from the Bench his wit has been bottled up, which is probably the reason why the Institute of Chemistry invited him to dine with the Fellows at the annual banquet that was served in the Trocadero on Thursday, June 8. Dr. Thomas Stevenson presided, and Dr. Thorpe, Sir James Crichton Browne, and the Earl of Dysart were amongst the speakers before Lord Brampton rose to speak. He did not know why he was there, for of the science of chemistry he was as ignorant as a child unborn. If infants were taught chemistry from the first, so as to know the component elements of Nestlé's milk—what to drink and what to avoid—they would then know what a nurse was administering, and might say, "No Winslow's syrup for me, please." (Laughter.) Chemical knowledge should increase as we grew older, so that men might be able to settle such problems as those which present themselves in the evening, when there was sometimes a restlessness about the muscles of the legs, which would not enable a man to get to his own house. (Laughter.) What on earth had happened to him? (Renewed laughter.) With a knowledge of chemistry he might put himself right in a moment. In the morning there was occasionally something the matter with the head. (Laughter.) But a man with a knowledge of chemistry could put himself right in five minutes. If he said to Dr. Stevenson, "You have done wonders, do something for me," he would reply, "I do not know your constitution," and he (Lord Brampton) would have to go back to the days of Winslow's syrup—(laughter)—and Dr. Stevenson would say, "Here is a drop which may or may not counteract the effect of what your nurse did for you." (Laughter.) After some more wit of this nature, his Lordship paid a very high compliment to Dr. Stevenson, speaking of him as a man who, in giving evidence before him, had always convinced him that he (the doctor) was right, and that it was useless to oppose him; he had admired him for his intelligence and knowledge, and respected him for his courage and candour and truth. For sixty years he had seen the world in all its phases, and if he were asked to name a man who had never deceived him, or ever attempted to do so, he should turn to the President of the Institute of Chemistry, which compliment Dr. Stevenson duly acknowledged.

MORPHIA IN CHINA.—Mr. Taylor, Statistical Secretary of the Chinese Maritime Customs at Shanghai, in his report on the foreign trade of China in 1898, mentions that the importation of morphia, which is used for subcutaneous injections, is increasing annually, and is being used more and more as a substitute for opium. In 1894 the import of morphia was a little over 48,000 oz.; last year it was over 92,000 oz.

Irish News.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

Pharmaceutical Society of Ireland.

July Examinations.—Applications for the undernoted examinations should be lodged with the Registrar not later than 11 o'clock A.M. on the following dates:—

For the Preliminary examination, Tuesday, June 20.
For the Pharmaceutical Assistant examination, Monday, June 26.
For the Registered Druggist examination, Tuesday, June 27.
For the Pharmaceutical Licence examination, Wednesday, June 28.

Personal.

Mr. R. Barklie, chemist, Belfast, has been appointed analyst to the Lisburn Board of Guardians. There were five candidates for the post.

Mr. J. A. Ray, L.P.S.I., Dublin, has been appointed analyst of medicines to the Youghal Union, at a salary of 10*l.* a year.

Mr. D. MacCann, a druggist's assistant, North Street, Belfast, is an inmate of the Royal Hospital with a fractured skull, caused by falling off his bicycle at Helen's Bay.

Samuel Greer, chemist's assistant, Spencer Street, Belfast, is also in the Royal Hospital, suffering from burns on his face and hands caused by the explosion of chemicals.

Professor Emerson Reynolds lectured last week at Trinity College, Dublin, on "Discoveries by the Electrical Furnace," in the course of which he said the development in Ireland of a number of new industries brought about by chemical research was only a question of time and patience.

Mr. J. E. O'Neill, M.C.C., R.D.C., Maghera, has been unanimously selected by the Londonderry County Council as a member of the Finance Committee, and also as a governor of the District Lunatic Asylum. Mr. O'Neill is principal of the firm of O'Neill & Co., wholesale druggists and general merchants, Maghera.

Business Change.

Messrs. McCarthy & Son, chemists and druggists, Arran Quay, Dublin, are rebuilding their extensive premises. When finished the place will be one of the finest of its kind in the city.

Company's Dividend.

The directors of Messrs. Hugh Moore & Alexander's (Limited), chemists and druggists, the Linnen Hall, Dublin, have declared a dividend on the shares of the company at the rate of 6 per cent. per annum, less income-tax. The annual general meeting of the company will be held on June 19.

Aërated-water Bottle Case.

Last week, in the Belfast Police Courts, Mr. Patrick J. McCullough, mineral-water manufacturer, Great Patrick Street, was summoned for selling aerated waters to which the name of W. J. Briggs & Co. was improperly applied. He was also charged with having in his possession a quantity of mineral waters to which a false trade-description was applied. The first case was dismissed, and a fine of 10*s.* and 10*s.* costs was imposed in the second case.

Guardians' Doings.

The Fermoy Poor-law Guardians object to have their drugs and medicines analysed piecemeal, and suggest to the Local Government Board the propriety of having their medicines supplied in bulk in future. In this case one analysis would be sufficient.

The North Dublin Union Council have given notice to rescind the resolution they recently passed appointing Sir Charles Cameron their analyst at a salary of 25*l.* a year. It is alleged that the appointments was not quite regular.

At a meeting last week of the Kilrush Board of Guardians some surprise was occasioned by the statement that 33*s.* had been expended for sticky fly-papers for the workhouse, and that 10*l.* a box had been paid for Keating's insect-powder.

which could be bought for 6*d.* The Guardians have resolved that in future no goods be ordered except on the requisition of the entire Board.

At a meeting on June 10 of the Guardians of the Mullingar Union a letter from the Local Government Board with reference to the acceptance of a tender for medicines from Mrs. English, chemist, Mullingar, was read, in which it was pointed out that the tender, though not the lowest, was accepted, and pointing out that this action might render it necessary to withhold portion of the recoupment in respect of the cost of medicines from the local taxation account. Mr. O'Connor (a Guardian) said the answer they should give to the Local Government Board was that the contract was given to a large ratepayer, and that for the matter of a small amount they were prepared to keep the money at home. The following resolution was, however, passed:—

That the tender for medicine by Mrs. English be cancelled and the lowest tender be accepted.

At a meeting of the Kilmallock Board of Guardians a letter was received from Mr. Hinchy, contractor for medicines, pointing out with reference to previous correspondence that the question at issue is not the pricing of goods contracted for, but for "extras." There were altogether 420 items contracted for, out of which Dr. McNamara took exception to two. If the doctor knew by whom the lint was manufactured he would probably consider seriously before making the statement that he could get lint of the same quality at 1*s* 3*d.* per lb. as that contracted for at 2*s* 8*d.* per lb. The doctor's remarks in reference to linseed-meal quoted it by the ton. The contract was 3*d.* per lb. Mr. Hinchy added that he was willing to submit the whole matter to the Local Government Board, and so saddle the right horse. He asserted that the medical officer had threatened to ruin the contractor. Dr. McNamara said he did no such thing. A doctor had no better means of knowing the prices of medicines than any other person. The letter was marked read, and Mr. Hinchy was requested to send invoices with the supplies of drugs in future.

Scotch News.

Local newspapers containing marked items of news interesting to the trade are always welcomed by the Editor.

Presentation to a Chemist.

Baillie John Crail, chemist and druggist, Annan, who is president of the local bowling-club, was presented with a silver match-box and cigarette-case on June 5, on the occasion of his marriage. The presentation was made in the club pavilion, and speeches, toasts, and songs enlivened the proceedings.

Edinburgh Chemists', Assistants', and Apprentices' Association.

The first botanical excursion of the season took place to Colinton Dell on June 2, leaving Caledonian Station at 3.30 p.m. Owing to the recent cold weather it was found that flowering-plants were at least a month later than usual, and many generally in full flower at this season were found to be only in bud. Messrs. William Duncan and G. Simpson acted as demonstrators.

The first summer meeting took place on Friday, June 9, when a large number of plants collected by the members were described by Mr. Rutherford Hill. Mr. David Harley (Vice-President) occupied the chair.

Aërated-water Bottles and the Merchandise-marks Act

In the Edinburgh Sheriff Court on June 12, before Sheriff Macdonochie, a complaint was laid by Neilson Brothers, aërated-water manufacturers, West Calder and Falkirk, against W. & J. Jenkinson, aërated-water manufacturers, of having sold aërated waters in bottles bearing the embossed name and trade-mark of the complainers which were not manufactured by them. Evidence of the use by the defenders of the plaintiffs' bottles having been given, Mr. Inglis, of W. & J. Jenkinson, said it was impossible to prevent such mistakes occurring. The mistakes were innocently made, and there was no intention to induce the

public to purchase their aërated waters with the belief that they were complainers'. The Sheriff took the case to *avizandum*, but, after hearing evidence in other two cases, all were dismissed.

French News.

(From our Paris Correspondent.)

CENTRAL PHARMACY FOR LILLE.—The Charities Committee of Lille have inaugurated a central pharmacy for the supply of drugs and medicines to the hospitals and dispensaries of that city. M. Machelart has been appointed head pharmacist.

FIN-DE-SIÈCLE PARISIANS.—A doctor came to the prison to see one of the aristocratic prisoners who had taken part in the disgraceful scene at Auteuil Steeplechases on June 5. "It is absolutely necessary, Monsieur le Directeur," he protested, "that I should administer to M. Beaumont five daily *piqûres* of phosphate of soda." "I will send you the prison house-surgeon," replied the official amiably, "who will arrange matters with you." This little incident reminds one of the opening scene of "Dégénéres," a recent Parisian comedy, in which the dramatist amusingly criticises the drug-taking and *régime*-observing habits of our modern upper classes.

NAVAL PHARMACY.—Antiseptic treatment of wounded sailors on board a French man-of-war is (Dr. C. Auffret, of the French Naval Sanitary Service, writes in the "Archives of Naval Medicine") an absolute impossibility. Thanks to the policy still persisted in of leaving the medical supplies in the hands of incompetent officials, instead of confiding them to a skilled and qualified staff of navy pharmacists and surgeons, the material in the sick-bay of a vessel is still the same as in the days of the Crimea. Wooden operating-tables (very nests of bacteria), a table of all-work for the dressings, no appliances for sterilising instruments or even antiseptic washing of a sore, are a few of his measured but grave criticisms. Poisons put into the first bottle the surgeon can beg or borrow from the cook or steward is another dangerous practice.

THE DEATH OF PROFESSOR JEANJEAN, Director of the Montpellier School of Pharmacy, is announced, and coincides with the period of his retirement from the management of the School. Jean Félix Jeanjean was born at Montpellier on January 21, 1829, and consequently had recently reached the age limit fixed by the French Legislature for professors, and was about to retire into private life. M. Jeanjean was essentially a prophet in his own country, having passed his life in his native town. He obtained the degree of Bachelor of Letters at the age of 19, and later proved himself a distinguished student of mathematical and physical sciences. In 1852 he became a professor of mathematics at the College of Montpellier, and afterwards, on the advice of his uncle, the well-known chemist Balard, he specialised himself in the branch of pharmacy, taking his diploma in 1857. A few months later M. Jeanjean was appointed assistant-professor of organic chemistry at the Montpellier School of Pharmacy. He was elected director of the School in 1894. The late savant's technical knowledge and his long laboratory experience led the authorities to frequently utilise his services as a chemical expert in poisoning-cases. During the Franco-German War of 1870 he assisted in the national defence by improving the cartridges used in Chassepôt rifles. The ingenuity displayed by Jeanjean on this occasion is said to have called forth the remark from a general that "yonder little man in spectacles has quite the capacity for discovering an explosive that would annihilate a whole army corps in a few seconds." The deceased professor had not been in good health for some time past, and I well recollect how his look of fatigue struck me when I visited Montpellier a few months ago. He was nominated a Knight of the Legion of Honour in June, 1896, on the occasion of the unveiling of the bust of his uncle Balard, in the courtyard of the School of Pharmacy. At the funeral valedictory speeches were made by Professor Astre on behalf of the professors, M. Durand for the students, and M. Collard representing the Federation of Societies of Pharmacy of the South-East of France.

Pharmaceutical Society of Ireland.

THE monthly meeting of the Council was held on June 7, in the Society's house, 67 Lower Mount Street, Dublin, at 3 P.M. Present: Mr. R. J. Downes (President), Mr. Beggs (Vice-President), Mr. Grindley (Treasurer), Messrs. Bernard, Connor (Newry), Kelly, Michie, Porter, Simpson, Tate (Belfast), and Wells.

COMPANIES AND PHARMACY.

The minutes having been read,

The PRESIDENT said: We can claim another feather for our cap. Since our last meeting and issue of our circular to the members of the House of Lords, Lord Dudley has introduced the Companies Act Amendment Bill, including in it the substance of the two Bills of the Lord Chancellor. The process which determined this decision we cannot know, but I can fondly believe that the resolution of this Council at the last meeting, and the circular issued with it, forced the Lord Chancellor to the conclusion that he could not, in his high office, face the responsibility—or shall I say the shame?—of proceeding with the Bills he had brought in. We have also gained by concession of the principle which from the beginning we contended for—that the Companies Act Amendment Bill was the proper place where our grievance was to be satisfied. This the Lord Chancellor and the Committee said was impossible. It remains to be seen whether we will succeed in our other contention—that our case must be dealt with in the same manner and in the same clause as that of the medical profession. Our cases, being alike, in justice must receive like rule, and that we have shifted the Lord Chancellor and Committee so far is, to my mind, hopeful that reason and justice are not yet dead. The clause affecting the business of pharmacy is still ill-considered and crude. Apart from the injustices it would cast on us, it is peculiar in that it makes the Act of 1868 the criterion for offences. This, again, makes me think that there is a desire only to deal with poison-selling and not the pharmacy aspect of the business. The British pharmaceutical chemist in the eye of the law is only a poison-seller; in Ireland, we are compounders of medical prescriptions, and if any such distinction is sought to be made, we will have to look well to it that the Irish pharmacist has a place in the medical profession's clause: this must be fought for if we lose in the druggist interest. Our strong complaint is not met or attempted to be met by the clauses; it is a scandal that persons unqualified and incriminated may open shop, transact the business and use the titles of "pharmaceutical chemist," "chemist and druggist," and "registered druggist" under the Companies Acts—a complaint which the Government admits requires a remedy. The remedy we have indicated has been approved by the leading Borough and Urban Councils in Ireland, and I hope will be endorsed by the County Councils just formed. I see no prospect of efficient help from the Council of the Ph.S.G.B. They, like the G.M.C., appear to think that they cannot extend co-operation to any outside of their own Act. Therefore, while we have always acted for the benefit of the whole body of pharmacists, British and Irish, and of the medical profession, believing in the advantage of co-operation, we are not under any obligation to sacrifice any point we may be able to make for ourselves in consideration of any sympathy we may have with them. It is more than ever our duty to push our own interests independently of every other consideration. I would suggest that these clauses should at once be submitted to our solicitors and counsel for consideration, probably in conjunction with Mr. Campbell, Mr. Healy, and Mr. Redmond, to show how we should meet them in the House of Commons; meantime I would urge our members to use any influence they have with any member of the House of Lords so as to have the matter discussed there. I will ask you to discuss this question when we reach the Law Committee report.

THE COUNCIL AND THE QUEEN.

The PRESIDENT said: On the occasion of the celebration of her Majesty's birthday I thought it would be in keeping with the prestige and sentiments of this Council to telegraph our congratulations and good wishes. I did so on your behalf, and we received a special reply.

The REGISTRAR read the telegram, which was as follows:—"The President and Council of the Pharmaceutical Society of Ireland desire to convey the expression of their homage and congratulations." (Sent on May 24.)

The Registrar also read the reply received from Sir A. Bigge, as follows:—"The Private Secretary is desired to express the thanks of the Queen for the kind message, which you have forwarded to her Majesty."

On the motion of Mr. WELLS, seconded by Mr. GRINDLEY, the telegram and reply were ordered to be inserted on the minutes.

IRISH PHARMACISTS IN BRITISH GUIANA.

A letter was read from the Government Secretary of British Guiana in reply to one from the Council asking that licentiates of the Irish Society in British Guiana should be exempted from examination there. The reply was that the representations of the Council had come too late to be dealt with in a Bill which had then become law, but that it would be considered if the ordinance should come up for amendment at a later date.

The PRESIDENT: We saw that the British Society's certificates were recognised in the colony, and wrote requesting to be put on the same footing with them.

THE PHARMACOPŒIA COMMITTEE.

The PRESIDENT stated that he had received a communication from the General Medical Council requesting his attendance in London at the Conference of the Pharmacopœia Committee. He had attended this conference, and regarded the position to which he had been appointed as one of much honour and of great responsibility. As their representative he was received with all the courtesy they could desire. The discussion, which lasted more than three hours, was most interesting, and it was a pleasure to notice the desire to have a perfect book for the medical man and the pharmacist, and for them rather than for the public analyst. The position they had sought of discussing questions with the Pharmacopœia Committee of the General Medical Council was not conceded. The work of the Conference was to be submitted to that committee, which would have the power to set it aside, though he by no means suggested that this was likely to happen. He was not, however, disposed to recommend at the present time the raising of questions which would not be of importance for at least five years. The position now occupied by them would, he thought, stimulate pharmaceutical studies, give an insight into the methods of compiling and amending the Pharmacopœia, and, not least, would convince each one how small was his individual experience, scientific and practical. As soon as he received certain official communications he should call the Society's committee together. In the meantime he was prepared to distribute suggestions to any members who desired to have them, and he hoped their members would prove by their work that their training for the licence had fitted them for this as well as for their other obligations.

COMPANIES AND PHARMACY.

Letters were received from the Royal College of Physicians (Ireland), the General Medical Council, and the British Medical Association, acknowledging the receipt of copies of the resolution passed by the Council of the Society on May 3 relative to the Companies (Medical Profession) Bill. The letter from the College of Physicians stated that they did not consider the occasion a suitable one to legislate in the direction indicated.

The PRESIDENT: The General Medical Council also consider that it would not be suitable to include us in the Bill. Considering that the medical profession are indebted to us for calling their attention to the position in which they stood with regard to limited companies, I consider their reply and treatment of us very ungenerous. It would not interfere in the least with their position and dignity if they used their influence on our behalf and gave us their sympathy even without themselves going to the Lord Chancellor and proposing that we should be put into the Bill. I think the attitude of the College of Physicians in Dublin, and of the General Medical Council in London, in the matter is not such as to promote that feeling of sympathy and good will between us which we have been endeavouring to cultivate.

Mr. BERNARD remarked that veterinary surgeons were not included in the Bill, and asked if it would be worth while to bring the matter under the notice of the Royal College of Veterinary Surgeons?

The PRESIDENT: When we first raised the question we sent to every examining body.

Mr. WELLS: I think you ought to send to them again.

Mr. BERNARD: We should get our licentiates to stir up their members of Parliament all over the whole country.

Communications were received from the Sligo Board of Guardians and the Castlecorner Rural District Council intimating that they had unanimously adopted the resolution of the Council against company pharmacy.

"DRAPER, GROCER, AND PHARMACEUTICAL CHEMIST."

The County Inspector of the R.I.C. at Omagh wrote stating that Mr. R. H. Anderson, chemist and druggist, of Six Mile Cross, had been fined 5*l.* for using the title of "pharmaceutical chemist" without being lawfully entitled to do so. The defendant, the letter stated, had sent a memorial to the Lord-Lieutenant praying for an abatement of the fine.

The REGISTRAR read a copy of the memorial which had been received from the Castle, with a request that the Council would favour the Lord-Lieutenant with their observations thereon. A sergeant of constabulary called at the defendant's shop and made a purchase, and the bill which he received was headed "draper, grocer, and pharmaceutical chemist." The memorialist stated that some years ago he was registered as a chemist and druggist, and a printer suggested that he should put into his billheads the word "pharmaceutical," which he did, not knowing the meaning of it. He sold ordinary drugs up to October last, and then ceased to sell drugs of any description, and he ordered his shop-assistants to strike out the words "pharmaceutical chemist and druggist" from his billheads, but they did not do so. The Justices held that a technical breach of the law had been committed, and all except the Resident Magistrate (Mr. Dunsterville) joined in a recommendation that the fine should be reduced to 10*s.*

Mr. BERNARD: He notifies the reduction that he wants. That is going a step further than anyone else.

Mr. WELLS: He knew very well what he was doing. He got his caution as well as other people.

The letter and memorial were referred to the Law Committee.

Some formal business was transacted, and the Council adjourned.

Edinburgh District Chemists' Trade Association.

THE annual meeting of this Association was held on June 9, Mr. David McLaren (President) in the chair. There was a small attendance.

The annual report, read by Mr. Claude F. Henry (Hon. Secretary), stated that there were now sixty-nine members—five more than last year. Four general meetings, seven committee, and numerous sub-committee meetings had been held. The committee considered that an important result had been attained in the wholesale druggists' agreement that all proprietary and patent medicines should be supplied in any quantity at a uniform discount of 15 per cent. The collection of poison-bottles shown at two meetings of the Association had also been exhibited at Glasgow, Aberdeen, and Dundee, in response to requests. The Association had taken action in regard to pharmacy-legislation, and the committee expressed the opinion that the Association had held a most useful session. The financial statement showed a credit balance of 31*l.* 6*s.* 7*d.* It was 47*l.* at the close of last year. The reduction was caused by a deficit of 8*l.* on the ball and several unusual items.

The reports were adopted, and it was resolved to make the usual grant of 2*l.* 2*s.* to the Benevolent Fund and 1*l.* 1*s.* to the Orphan Fund of the Pharmaceutical Society.

The Secretary read the following

PETITION TO THE LORD CHANCELLOR,

which had been framed by the committee in terms of the resolution of the Association, and which they had presented to the Government and the House of Lords:—

To the Right Honourable the Lord Chancellor, the Humble Petition of the Edinburgh District Chemists' Trade Association sheweth.

That your petitioners having observed that in Clause 2 of the Companies Acts Amendment Bill it is proposed to confer the titles of "pharmaceutical chemist" and "chemist and druggist" on others than those who have passed the examinations provided for by the Pharmacy Acts, 1852 and 1868, which confer and protect these personal titles, your petitioners humbly pray that this clause be withdrawn.

Your petitioners humbly submit that the said titles imply a personal qualification on the part of those using them, and that the general use of such personal titles by parties not possessing and incapable of acquiring the qualification implied therein, destroys the statutory significance of the said titles, and would prove misleading to the public. And your petitioners will ever pray.

Signed on behalf of the Association.

(Signed) DAVID McLAREN, President.

(Signed) CLAUDE F. HENRY, Secretary.

The committee was continued with power to take any further action that might be considered necessary.

THE PHARMACY ACTS AMENDMENT BILL.

The Secretary submitted the following draft proposals prepared by the committee appointed in regard to a Pharmacy Acts Amendment Bill:—

DRAFT PROPOSALS FOR A PHARMACY ACTS AMENDMENT BILL.

I. That the dispensing of medical prescriptions be confined to qualified persons.

II. That the Association recognises that public safety would be better ensured if certain powerful drugs and potent substances used in medicine were included in a new section of the Poisons Schedule, to be called Part III, and made subject to all the provisions applying to substances included in Part II. of said schedule, except that the word "Caution" be substituted for the word "Poison" in labelling. But the Association would not in the meantime press this proposal if its inclusion was so opposed as to delay other reforms.

III. That any employer on whose behalf any poison is sold, or any medical prescription dispensed, by an unqualified assistant or servant, shall be liable to the same penalty as an individual who unlawfully sells or dispenses any poison or medical prescription.

IV. That limited-liability companies and business firms who sell poisons or dispense medical prescriptions shall be so regulated and registered under the amending Act as to secure such protection of the practice of pharmacy as is required for the safety of the public, and shall be made liable to all penalties to which registered chemists are liable under the Pharmacy Act, 1868, and shall only use statutory pharmaceutical titles implying personal qualification in connection with the names of qualified persons.

The Secretary explained that a circular had been received from Mr. Bremridge, Secretary of the Pharmaceutical Society, addressed to local secretaries, suggesting that members should not directly approach their Members of Parliament, but wait instructions from the Watch Committee of the Pharmaceutical Council. The committee had had this circular under consideration, but thought they ought to carry out the instructions of the Association. That would not preclude them from giving assistance to the Council in any other proposal it might make. The circular made no statement, and the committee were left in the dark. They thought the Lord Chancellor's Bill should be opposed in the House of Lords as soon as possible, or it might be thought that chemists acquiesced in the terms of the Bill.

In the course of a discussion on the proposals, Mr. Henry said there could be no doubt that it was never intended that the passing of the examination of the Pharmaceutical Society should be for the purpose of enabling the chemist to sell to the public a few poisons only. The committee thought that at least the dispensing of medical prescriptions should be in the hands of qualified persons or under their immediate supervision.

Mr. Glass, though in favour of dispensing being done by qualified persons, said there were difficulties in the matter

How were they to know how the dispensing was done in the dispensing-department, and by a qualified man?

Mr. Boa said this provision was already in force in Ireland.

Clause 1 was unanimously adopted.

On Clause 2, Mr. Glass asked if carbolic acid would come under Part III.

The Chairman said the Board of Trade [Privy Council—ED.] had put its foot down on carbolic acid as a substance they would not schedule.

Mr. Boa said the reference to Part III. simply embodied what was already carried out to a certain extent.

This clause was also agreed to, as were the other two, Mr. Macpherson dissenting to some extent from the last.

ELECTIONS.

Mr. A. Adamson, chemist, Kirkcaldy, was elected a member, and Mr. William Duncan, of the School of Pharmacy, and Mr. W. B. Cowie, of the Central School of Pharmacy, were nominated honorary members.

Mr. David McLaren, was re-elected President, and Mr. Lunn was chosen as Vice-Chairman. Mr. Claude F. Henry was re-elected Hon. Secretary, and in order to lighten his labours Mr. MacDougall was appointed to assist him in his work, while to the office of Treasurer, which had been previously associated with that of the Hon. Secretary, Mr. Burley was appointed.

The following were appointed on the Committee: Messrs. Boa, Bowman, Glass, R. L. Hendry, D. McGlashan, Macpherson, Smith, F. Stephenson, Swan, and Wylie.

THE PICNIC.

The Chairman intimated that up to the present 140 members and friends had signified their intention to be at the picnic. This number would make a record turn-out.

British Pharmaceutical Conference.

THE Executive met at 16 Bloomsbury Square, W.C. on Wednesday, June 7, at 4.30 p.m., Mr. J. C. C. Payne, of Belfast, the President, in the chair. Mr. Turney, local secretary at Plymouth, outlined the programme of proceedings, which will commence there on Monday evening, July 24, with a reception by the President, while the usual Conference proceedings will follow on the Tuesday and Wednesday at the Law Courts, with a short excursion on Tuesday evening, and concerts on Wednesday evening, Thursday being devoted to an excursion to Mount Edgcumbe and the river Tamar. The Executive approved of the programme, which will be published officially in due course. The question of the appointment of

LOCAL CORRESPONDING SECRETARIES

then came up on a report by Messrs. Naylor and Ransom, Hon. Secretaries of the Conference. The primary object which the Executive have in view in these appointments is to secure the active interest of a number of gentlemen throughout the country in promoting the welfare of the Conference by inducing chemists to join, and by getting existing members to keep up their subscriptions. It may also be possible for the Corresponding Secretaries to keep in touch with local members, especially bringing to the front those who may be able to promote the progress of pharmacy by contributing papers to the Conference. The following is the first list of gentlemen who have expressed their willingness to accept the new office, and who were duly elected:—

Belfast—R. W. McKnight
Birmingham—C. Thompson
Bournemouth—S. Hardwick
Bradford—J. Jackson
Brighton—R. A. Cripps, F.I.C.
Bristol—H. E. Boorne
Buxton—R. Wright, F.C.S.
Cambridge—E. S. Peck, B.A.
Cardiff—J. Munday

Cheltenham—F. J. Palmer
Chester and Wrexham—W. F. J. Shephard
Cork—T. R. Lester
Coventry—H. W. Jones, F.C.S.
Dublin—W. F. Wells
Edinburgh—Peter Boa
Exeter—W. Wippell Gadd
Glasgow—J. A. Russell

Harrogate—J. H. Wilson, J.P.
Hastings and St. Leonards—F. Rossiter
Hull—W. N. Allison
Ipswich—E. C. Sayer
Leamington—H. Hutton
Leeds—F. W. Branson, F.I.C., F.C.S.
Leicester—Lewis Ough, F.I.C.S., F.C.S.
Liverpool—T. H. Wardleworth
Manchester—C. Johnstone
Newcastle-on-Tyne—T. Maltby Clague

Oxford—H. Mathews
Plymouth—J. Davy Turney
Sheffield—G. T. W. Newsholme, F.C.S.
Southampton—H. Wilson, F.I.C., F.C.S.
Southport—J. Righton
Sunderland—C. Ranken
Swansea—N. M. Grose
Taunton—W. A. Wrenn
Windsor—J. G. Everett
Wolverhampton—F. J. Gibson

Thereafter the Executive drafted a preliminary list of officers for the ensuing year, and elected nineteen gentlemen as members.

AT PLYMOUTH.

On Monday morning there was a meeting of the local committee, at which the programme was also submitted. It was mentioned that two other conferences will be held in Plymouth in the same week, so that prompt application for rooms is necessary. Address the Hon. Secretary, Mr. J. Davy Turney, 15 Leigham Terrace, Plymouth.

The Ballad of the Beano.

[The C. & D. staff took their annual trip on Friday, June 9, and the poet was deputed to report it.]

DISCARDING ink, forsaking pen,
At Waterloo we rallied—
Bright winsome maids and valiant men,
To Hampton Court we sallied.
The publisher forgot his ad.,
The maid her type-machine-o;
For all had dropped the blotting-pad
And gone in for a "beano."

The cashier locked up all his cash
And donned a "straw" and "yellows";
The subs. all tried to cut a dash
And look like City fellows.
Each maiden was a walking dream,
In pink, or blue, or green-o;
And Sol looked down with golden gleam
On our long-looked for Beano.

At Moulsey Lock collation cold—
A royal spread—awaited;
With quip and crank the minutes rolled
While yawning maws were sated.
Then kindly speech from honoured heads,
'Mid glances bright and keen-o,
Good fellowship from each one shed
Distinction on our Beano.

The river's smile impatient becked
To tardy man replenished;
And soon, with Beauty blouse-bedecked,
All earthly troubles vanished.
All carksome care and worrying woe
Fled from that glad some scene-o.
Would that the years to come may go
Like that celestial Beano!

NEW FACTS ABOUT CREOSOTE.—Dr. Alfred Mjoen has obtained the gold medal offered by the Scientific Society of Christiania for the best work on "A treatise on the composition of the different kinds of Norwegian tar." The most important point in Dr. Mjoen's work is the discovery that creosote, which was formerly only obtained from beechwood tars, can be prepared direct from sawdust, so that the cost of producing it is about four times less. Dr. Mjoen is a pharmacist.

The General Medical Council.

THE business of the Spring Session of the General Medical Council was concluded on Friday, June 9.

On Thursday Dr. Joseph Frank Payne, introduced by Sir Dyce Duckworth, took his place at the Council as representative of the University of Oxford, in succession to Dr. Church (President of the Royal College of Physicians), who has resigned his seat.

THE NEW PHARMACOPOEIA.

The Pharmacopœia Committee reported that 26 500 copies of the British Pharmacopœia of 1898 had been printed and that 25,225 of these have passed into circulation. A reissue would shortly be needed. The Committee noted with satisfaction that the Legislatures of Queensland and of Victoria had sanctioned Acts adopting the British Pharmacopœia, 1893, in those colonies. The Pharmaceutical Societies of Great Britain and Ireland had been invited to appoint representatives to confer with members of the Pharmacopœia Committee, and had nominated Mr. C. Ekin, Dr. W. Inglis Clark, and Mr. R. J. Downes to act in this capacity. A



DR. PAYNE,
The new representative of
Oxford University.

conference had been held, at which Dr. Leech, Dr. MacAlister, and Dr. Tirard (Secretary) met the above-named representatives and discussed numerous points connected with subjects dealt with in the Pharmacopœia. The committee asked for authority to publish reports received from experts in pharmacy and pharmaceutical chemistry upon matters deemed worthy of investigation. The report also referred to the steps which had been taken and the results so far attained in reference to the Indian and Colonial Addendum.

Dr. Leech moved, and Dr. MacAlister seconded, "That the report of the Pharmacopœia Committee be adopted."

Dr. Leech said they were going on satisfactorily, and the new Pharmacopœia would be at least no pecuniary burden on the Council. Among the criticisms they had received some were worthy of note, others were founded on misconceptions. Dr. Atfield had collected and analysed these, and submitted them to the Pharmacopœia Committee. Owing to indifferent health he had been unable to present his final report, but it would be completed for the next session. They were getting an excellent response from India, Canada, Ceylon, Queensland, and other countries in regard to the Colonial Supplement.

In reply to a question from the President as to whether any loss was sustained in the fire at Spottiswoode's it was stated that there was none. The report was adopted.

THE NEW PHARMACOPOEIA AND FINANCE.

The finance report, read by Mr. Bryant (Chairman of the committee), stated that the surplus of 723/ 13s. was chiefly due to the publication of the new Pharmacopœia, which realised 7,016/. An increase in the expenditure of nearly 2,455/ was, on the other hand, due to the cost of its publication. It was recommended that, in future, the money spent in the preparation of a Pharmacopœia should not be charged as part of the expenditure of the year, but should be carried forward until the publication of the book; so that the violent fluctuations of receipts and expenditure which now take place would be avoided, and a comparison of the figures, year by year, would be more simple. There would be some payments to be made in connection with the preparation of the Indian and Colonial Addendum, but these would probably be more than balanced by the sale of the Pharmacopœia itself, for, the whole of its preparation having been charged against the first edition, all future reprints would show a profit of about 4s. 6d. per copy.

IRISH FINANCIAL GRIEVANCE.

The financial position of the Irish Branch Council was referred to as needing careful consideration, the assets

having decreased in two years from 801/ 18s. 5d. to 284/ 9s. 10d. Dr. Atthill explained this position by saying that a large number of Irish students registered themselves elsewhere. Their branch was conducted with the most rigid economy, but the heavy taxation—they were taxed above their income—had eaten away their capital. As soon as they got a little money they would do what they could, and be as honest as poor men could be. (Laughter.) Sir Christopher Nixon objected "entirely" to the tone of the discussion. They were represented as an impecunious body at the charitable mercy of the Council. The English Branch, which did no more work, had an enormous income; the Irish Branch was starved. The radical way of dealing with the matter would be, by an amendment of the Medical Act, the creation



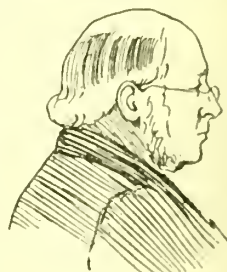
SIR DYCE DUCKWORTH is bored.

of a common purse to which something retrospective should be added—(laughter)—and he would suggest that a committee be appointed to deal with the matter. Sir Philip Smyly, as one of the Treasurers, suggested that the expenses of the penal cases should not be charged to them. There must be something financially wrong when one branch was so enormously wealthy: what became of the surplus? Lest the English Branch should be too generously moved towards their Irish poor relations, Sir Dyce Duckworth warned them that it would be necessary to consider their expenditure with some care in view of the increasing work devolving on the Council. Why did the Irish students get their diplomas elsewhere? he asked. Sir C. Nixon replied that they did so because they got them easier elsewhere, a response which was received with laughter. Ultimately it was agreed that the question of the financial condition of the Irish Branch Council should be referred to the Finance Committee.

THE M.D. CASE.

Mr. Horsley called attention to the proceedings which had been taken by the Council against the late Mr. H. K. Hunter, L.S.A. The matter had been adjourned from the previous day that the legal advisers of the Council might be present. Mr. Muir Mackenzie was again unable to attend, but Mr. Farrer, the Council's solicitor, was present. A complete narrative of the case had been drawn up at the request of the President by Mr. Brown and Dr. Glover, and this was in the hands of all the members. Mr. Horsley said that

by outsiders the Council was charged with having unfairly prosecuted a registered practitioner. He wished to make it clear that the Council, as a whole, did not order the prosecution of Mr. Hunter, and he wished to save the profession from a feeling of insecurity. Mr. Hunter was prosecuted for calling himself an M.D. without the facts of the case being brought before the Council; he was herded, in the opinion given by counsel, with unregistered persons and quacks, and the members supposed they were authorising the prosecution of an unregistered and unqualified person using a bogus American M.D.; Mr. Hunter was an L.S.A., and an M.D. Philadelphia. He had asked the Council whether he might use his American degree, but was told that they could not give him any information. Mr. Hunter appealed against the decision of the Magistrate who had imposed on him a fine of 5/ for using the name and title of a physician, and the Apothecaries' Society took the case up.



MR. FARRER,
The Council's solicitor.

The Penal Cases Committee instructed Mr. Muir Mackenzie to resist the appeal without asking the direction of the Council, and thus, Mr. Horsley contended, they exceeded their statutory authority. He argued, therefore, that the other members of the Council were innocent of promoting the charge which ended in Mr. Hunter's ruin. Mr. Brown adopted a similar line of argument, but Dr. Glover, as a member of the Penal Cases Committee, asked why Mr. Horsley had not looked at the register to see if Mr. Hunter's name was on it. When the Penal Cases Committee authorised resistance to the appeal Mr. Hunter was dead, and the matter was carried on simply to settle a point of law. The prosecution was throughout carried on in a friendly spirit, which Mr. Hunter repeatedly acknowledged. Mr. Brudenell Carter confirmed this statement, which settled the matter, but the narrative of the proceedings was entered on the minutes.

WANTED, A NEW MEDICAL ACT.

On Friday Dr. Glover pointed out the need of certain amendments in the Medical Act, especially with regard to the necessity for granting greater power to the Council to restore names to the register. Under present circumstances he said he should not in future vote for the erasure of any name from the register, except in a very grave case, unless it was obvious that it could be restored. Scarcely less necessary was the amendment of the penal clauses, and Sir C. Nixon said it was further necessary to provide that no one should be allowed to practise who was not registered; the financial condition of the Council should be placed on a



DR. MACALISTER
Has an answer ready.

fairer footing; and the right to use certain medical titles should be more clearly defined. Dr. MacAlister, who sits by the President's side and undertakes the duty of general moderator, pointed out that if they initiated wholesale alterations in the Act the Council would undermine the power they obtained under the Act, and contended that such amendments would come better from outsiders. Mr. Carter was convinced that the amendments would be not only useless but prejudicial. The President called attention to the *interim* reports by which he had been endeavouring to bring various medical authorities into line; if they could get them passed by the Privy Council, important reforms would be instituted and carried. He was not sure whether all the alterations suggested could be made. It seemed to him that some of the members wanted a new Act altogether. He advised that they should not be too precipitate. Dr. Glover's motion to refer this subject to a committee was lost by ten votes to eight. Three did not vote, and ten were absent.

THE CHRONICLES OF THE COUNCIL.

Mr. Horsley at this point intervened with another revolutionary motion, which was that a shorthand report should be made of all sittings of the Council and of the Executive Committee. Asked rather derisively whether he meant that all the speeches should be reported, Mr. Horsley said that was what he did mean, and he did not see why this should be a laughing matter. It was only what other public bodies did, and it was fitting that they should have a verbatim record filed of what took place. They often received important statements from their legal adviser which should be placed on record. The motion was seconded by Mr. Brown, but only the mover and seconder and one other member voted for it.

MIDWIVES AND SPECTACLE-MAKERS.

Memorials had been submitted to the Council referring to what some people regarded as illegal certificates of proficiency, granted in respect to midwifery and optical knowledge. Mr. Bryant, on behalf of the committee which had considered these, moved that in regard to the first, as a Midwives Bill was before Parliament, no action should be taken; and as regarded certificates granted to spectacle-makers, the Council exercised no jurisdiction over such

opticians, but were prepared to consider properly-substantiated charges of improper conduct against registered medical practitioners. Dr. Brown and Mr. Horsley were not satisfied with this proposal, and wanted a committee appointed especially to look into the proceedings of the Spectacle-makers' Company. Mr. Carter gave particulars of their examination, however, and argued that the Company was doing nothing more than assisting spectacle-makers to acquire a proper knowledge of their business. The Council agreed to Mr. Bryant's motion by a large majority.

DENTISTS.

The Dental Committee submitted the following caution, which had been drafted by Mr. Muir Mackenzie, and which they wished the Council to issue:—

Notice.—Any registered medical practitioner who knowingly and wilfully assists a person who is not registered as a dentist in performing any operation in dental surgery, either by administering anaesthetics or otherwise, will be liable, on proof of the facts, to be dealt with by the General Medical Council as having been guilty of infamous conduct in a professional respect.

The Council agreed.

Trade-Marks Applied for.

Anyone who objects to the registration of a trade-mark must address the Comptroller-General, Patent Office, Chancery Lane, W.C., within a month of the date of publication.

When "no claim" is mentioned in the subjoined abstracts, this implies "no claim for the exclusive use of the word" in inverted commas.

(From the "Trade Marks Journal," May 31, 1899.)

- "KARNOID"; for a meat-extract. H. J. Dann, Twickenham. 221,228.
- "VIRVIS"; for food-substances. Brand & Co. (Limited), Vauxhall. 222,071.
- "SPARKOLA" (no claim for "Spark"); for aerated waters. G. Crook, Southport. 216,961.
- "VIVRIL"; for aerated beverages. Idris & Co. (Limited), Camden Town, N.W. 221,055.
- "AMOLIA" (no claim for "Amol"); for a toilet article. P. Pilgrome, Stratford, E. 219,753.

(From the "Trade Marks Journal," June 7, 1899.)

- "SAPHIROL" (no claim for "Saphir"); for coal tar dye-products. "ACAPRIN"; for a pharmaceutical product. F. Bayer & Co., Elberfeld. 213,228, 221,437.
- "SALI-BRO"; for food-preservatives. C. Johnson & Co., Liverpool. 217,258.
- "SEN-SEN"; for goods in class 3. Sen-Sen Company, Rochester, N.Y. 210,420.
- "CERTINA" (the essential particular) and other wording on label-design (no claim for "Cert"); for a rheumatism-cure. Gourley & Co., Bootle. 217,787.
- "BROMIPIN" and "IODIPIN"; for chemicals. E. Merck, Darmstadt. 218,433, 218,434.
- "CACHOIDS"; for chemicals. Cooper & Co., South Kensington. 221,816.
- "NAUTILUS"; for chemicals. Sinclair's Heart-tonic Pill Company, Shaftesbury Avenue. 222,581.
- "MILKROSE" and "MILKINE" (no claim for "Milk"); for goods in Class 42. W. Horlick, jun., South Kensington. 219,662, 219,663.
- "SPARKLOIDS" (no claim for "Sparkle"); for tablets for flavouring beverages. Aerators (Limited), Broad Street Avenue, E.C. 221,952.
- "VIROL"; for food-substances. Bovril (Limited), Farringdon Street, E.C. 222,517.
- "UNDINE"; for an aerated water. Arnold & Co., Lincoln (Limited), Lincoln. 220,466.
- Design of an iron safe on wheels; for perfumery and toilet-articles. G. W. Goodwin & Son, Manchester. 222,148.

Legal Reports.

Shares in "Mother Seigel" Co.—Claim by the Crown on Transfer.

A DIVISIONAL Court of Queen's Bench, composed of Justices Grantham and Bruce, had before them on June 12 the case of the Attorney-General v. Wack, which was an information for the purpose of deciding whether the Crown was entitled to estate-duty on shares said to be of the value of 120,000*l.* in A. J. White (Limited). The Solicitor-General (Sir R. Finlay, Q.C.) and Mr. Vaughan Hawkins appeared for the Crown; Mr. McCall, Q.C., and Mr. Beddall for Mr. Henry Wellington Wack, the defendant; and Mr. George Elliott for A. J. White (Limited).

The Solicitor-General said that A. J. White (Limited) was an English company, with its registered office in London. It was formed to carry on business as chemists, but particularly for dealing in "Mother Seigel's Soothing-syrup" and other remedies. Mr. Andrew Judson White, its founder, was an American citizen, who died at the Savoy Hotel, London, on September 23, 1898. Shortly before that time he was in possession of 100,000 ordinary *l.* shares and 50,000 preference *l.* shares, which were of the value of 120,000*l.*, and they had never gone substantially below that price. The defendant was a lawyer practising at New York, and had acted as solicitor for Mr. White. His defence was that four days before his client's death he took from Mr. A. J. White a transfer of this enormous amount of property under an instrument said to have been executed by the deceased's son, Mr. Raymond White, under a power of attorney from the deceased. There were three transfers altogether, the first bearing date September 9, of 2,500 ordinary shares in the company for a consideration of 10*s.* The two other transfers were dated September 19—only four days before the death of Mr. A. J. White—the consideration stated being in one case 3,000*l.*, and in the other 2,000*l.*, and in both also "of professional services and money spent." For this 5,000*l.* 10*s.* in cash Mr. Wack obtained possession of the whole of Mr. A. J. White's holding in the company; and as to the value of the consideration of professional services and money spent their Lordships would see that the documents bore stamps appraising these at below 100*l.* value in each case. The case for the Crown was that these so-called transfers were bad, because they did not follow the power of attorney, which was a power to sell, and could not authorise this transaction. No details were given as to the value of the professional services which, with 5,000*l.* 10*s.* cash, were set up as consideration for 120,000*l.* value. In the Chancery Division Mr. Wack last December took action to have his name entered on the books of the company as owner of the shares. Mr. Justice Kekewich then held that the transfer was invalid, as not being authorised by the power of attorney; but a declaration order was made by consent of Mr. Raymond White that Wack should be appointed trustee in the shares, and should have a right of transfer, a sum of 10,000*l.* being paid into court to satisfy the Crown's claim for estate-duty if it should be held to be entitled. The learned counsel did not suggest that a foreigner must necessarily show any great concern for the revenue of this country, but in what he did he must see that he was regular. So far as he could see, the only object of setting up this transfer was to avoid payment of the estate-duty, but the transfer being, as he argued, bad, and the property passing only four days before the deceased's death, the title of the Crown to estate-duty was, he submitted, clearly established. They had no evidence as to what were the relations between Mr. Raymond White and Mr. Wack, and although the latter said that the transfer was for his own benefit, he (the Solicitor-General) hesitated to accept that, as it would be a serious charge to make against any solicitor that he had taken property of the value of 120,000*l.* from a client in respect of professional services, none of which were specified, only four days before his client's death.

Mr. Greening, a member of the staff of the *Stock Exchange Daily Official List*, was called to prove the value of the shares on the market.

Cross-examined: He was not aware that in November these shares were transferred at a price of 8*s.* 6*d.*

This was the case for the Crown.

Mr. McCall said that as the Solicitor-General's opening had raised matters of very considerable importance to the defendant, who was a gentleman of high standing and reputation at the American Bar, he desired first to call him before addressing their Lordships on the points of law.

Mr. Henry Wellington Wack said he had acted since the fall of 1893 as legal adviser, solicitor, attorney, and counsel to the late Mr. A. J. White in all the litigation in which he was engaged. There was prolonged litigation against rival traders, mixed up with actions for trade libel and conspiracy, which lasted four or five years, and though Mr. A. J. White had made a large fortune, had he lost the day in these actions he would have been financially ruined. At their close, the result being in Mr. White's favour, he came to London to benefit his health. Later witness followed him, it being their intention to travel abroad together, and also to settle their accounts. A considerable sum was due to witness for his services and those of his staff, and the expenses incurred in the litigation, and it was agreed that deceased should sell some of his A. J. White stock, and that witness should become a director. They found it impossible to obtain 10*s.* for the shares, and Mr. A. J. White, who felt that he was dying, arranged that witness should have an option to take the stock at 8*s.* 6*d.*, and continue his endeavours to sell it in London. However, witness could not get 8*s.* 6*d.*, and Mr. White, feeling that his end was near, then agreed that 147,500 of these shares in the aggregate should be transferred to witness as and for payment of his account, he having previously received 2,500 shares to enable him to qualify as director. The power of attorney to Mr. Raymond White was given purposely for this object. It was estimated by them that the value of the stock then would be 50,000*l.*, after deducting brokerage, stamps, commissions, &c., and it was agreed that witness should receive this sum in settlement of his account; and he gave his cheques for 5,000*l.* as security that he would repay any sums realised on the sale of the stock over 50,000*l.* Witness had disposed of all his shares for 7*s.* 6*d.* net, save a few he held as trustee. It was a perfectly honest debt and settlement that was effected.

Cross-examined by the Solicitor-General: Mr. Raymond White was about 27 years of age. Witness and Mr. White's solicitor (Mr. J. W. White), who was ill, and this young man were the only persons concerned in making the conveyance.

Mr. Justice Grantham did not see why the power of attorney to the son was wanted at all. If the old man could execute a power of attorney, why did not he execute the transfer?

Witness said Mr. White's health was failing, and he could not be worried with business matters.

The Solicitor-General: At the time that Mr. A. J. White transferred 2,500 shares to you to qualify you for the directorate he intended to keep his shares in the company?—He had no such intention.

But in your examination you told us that his reason for wishing to get you on the board was to represent his interests, as he was getting too old to be militant. Why did he want you if he was not going to keep his shares?—Witness said Mr. White knew that he would have advantage through a seat on the board when he held the shares. He had brought over no books which would show what were his services to Mr. A. J. White and what money had been paid by him. There was a mass of papers, but they weighed a ton, and would not have enlightened the Court. His services for five years or more had extended to matters beyond those of members of the Bar. For instance, in Ohio they went out and had to attend to two political campaigns. (Laughter.)

Mr. Justice Grantham: You mixed up company-law with politics?

Witness: I have had to do it in the interests of my client, to see that his enemies in Ohio were properly treated. (Laughter.) He thought the Crown would have taken Mr. Raymond White's evidence on these transactions on commission; he had not himself secured it.

This was the defendant's case.

The Solicitor-General argued that the defendant's evidence given in such detail had clearly established that there was no sale, which was the sole power which could be exercised under the power of attorney, and accordingly his whole case collapsed.

On Tuesday the hearing was resumed, when Mr. Beddall replied on behalf of the defendant.

Mr. Justice Grantham delivered judgment, observing that the original arrangement between the defendant and the late Mr. A. J. White was that the latter's shares should be sold, and it was an afterthought on their part, and when it was found that the shares would not realise the price they expected, that defendant should himself take a transfer of them. Until the month of September, in which Mr. White died, there was no evidence that it was contemplated that the defendant should be compensated for his legal services in the way which was ultimately agreed upon. The power of attorney was of earlier date. The only authority which could be said to have been given was to settle the account. Where was the account? Where was the agreement by the son, who held the power of attorney, that he had agreed to settle his father's debt for 50,000? There was no receipt, no bill, no settled account; there was absolutely nothing before the Court except the statement of the defendant that he was to have this large sum of 50,000/ for legal services, and his Lordship could see nothing which would prevent the defendant going back to America and there bringing an action against the representatives of the deceased for a bill which might be sent in. As to the first transfer of 2,500 shares, the consideration was stated to be 10s. and the defendant's undertaking to become a director of the company. He was not elected a director, and therefore the consideration failed, and the Crown was entitled to duty on these shares as forming part of the estate. On the transfer of 147,000 ordinary and preference shares the consideration was stated to be sums of 3,000/ and 2,000/., paid in cash, and professional services rendered and moneys expended during the preceding three years. The defendant's story, as told in the witness-box, was diametrically opposed to that. He stated in evidence that this 5,000/ was paid in fulfilment of an arrangement by which he was to repay any sum obtained by the sale of the shares above 50,000/., which was the agreed sum that he was to receive for his services. If that was so, it had nothing to do with consideration for the transfer. Then they had the defendant's statement that the value of these shares was considered by all parties to be 7s.; but the official from the Stock Exchange showed that they had been dealt in at a much higher figure, more nearly approximating to the value placed on them by the Crown. No satisfactory explanation had been given that there was any reason for the power of attorney. It had been pointed out that the documents, which on defendant's contention covered consideration of 5,000/ in cash and 45,000/ for services, were only stamped with 10s. stamps, but that, it was said, was only an innocent mistake. His Lordship could not accept that view, or that there was a transfer without consideration which could be expressed in figures. It was manifest that there was no sale, which was the only power given by the power of attorney held by the son, and no transfer within that power of attorney. Consequently the transfer was invalid as against the Crown. There must be judgment for the Crown, that the shares were still held by Mr. A. J. White, and on his death fell into the estate, and were liable to pay duty on the suit of the Crown.

Mr. Justice Bruce concurred.

Merchandise-marks Act.

GOLDEN SYRUP.

At Swindon Police Court, on June 8, Gibbons & Co., Bristol, were summoned for applying a false trade description to twenty dozen tins of golden syrup supplied to Messrs. A. D. Williams & Co., of Swindon. A local food and drug inspector purchased from Mr. Williams some syrup which was found on analysis to contain only 30 per cent. of pure sugar and at least 70 per cent. of glucose syrup. The label on the tin bore words to the effect that the syrup was of the finest quality and was produced from pure cane. Evidence was given by Dr. Bernard Dyer, county analyst, who stated in cross-examination that while glucose was cheaper it was not injurious to health. The defence was that defendants did not manufacture the syrup, and that the firm from whom it was purchased were responsible for the packing and the affixing of the labels. The Magistrates were unanimous in

convicting on the facts, but reserved their decision on a point of law raised by the defendant's solicitor, that the proceedings should have been taken under the sale of Food and Drugs Act, instead of under the Merchandise-marks Act.

County Court Cases.

A SOLICITOR'S ACCOUNT.

At Wakefield County Court on June 8, John Holden, described as a chemist, of Snaith, was sued by Mr. Edward Lodge, solicitor, Wakefield, for 5/ 2s. 9d., due for professional services and money paid out. Mr. Holden complained that the plaintiff did not supply him with details of the account until June 2, when it was too late to prepare his defence. Mr. Lodge said the account was in connection with an action commenced in 1896. The full particulars were sent in at the time. He had offered to settle the account for half the amount, payable at the rate of 5s per month, rather than bring the action, but defendant would not accept those terms. Defendant contended that the plaintiff's charges were too high. Mr. Lodge proved his bill of costs, and his Honour said defendant, having refused the compromise offered, must now pay the lot. Judgment was entered for the amount claimed, with costs.

A CATTLE-OIL AGENCY.

At Grimsby County Court on June 7, before Judge Shortt, Messrs. E. F. Williamson & Co., cattle-oil manufacturers, Grimsby, sued Mr. R. B. Kettle, of Wisbech, for 6/ 12s. and 15s. alleged to be due on two promissory notes. Defendant denied having signed the notes, and plaintiffs applied to amend the particulars so that the action might be one for goods sold and delivered. It transpired that defendant accepted the goods as agent, and not as purchaser, and that they were now at the railway-station awaiting plaintiffs' orders. The Judge said the method of business adopted was not a straightforward one; it was the trapping of a man who accepted an agency and fixing him as purchaser. He gave judgment for defendant, with costs.

A TRAVELLER'S CLAIM.

At Southwark County Court on June 8, Edward Sheppard Brown, commercial traveller, sued Messrs J & S. Firminger, of Pantom Street, Haymarket, to recover 6/ 13s. commission alleged to be due. Mr. Cohen, for the plaintiff, said the defendants manufactured various sanitary fluids, and dealt in preserved provisions, &c. They engaged plaintiff as traveller at a salary of 1/ per week, and 1s. commission on every gallon of a certain carbonitas fluid which he sold. Subsequently this agreement was altered, and plaintiff was given 30s. per week salary, the 1s. per gal. commission on the fluid, and 10 per cent. on all other products sold by the firm, and placed by the plaintiff with new customers. The claim was for the commission. All the salary had been paid. Judge Addison remarked that a commission of 1s. per gal. on the fluid was extraordinarily high. Plaintiff said the stuff cost only 6d. or 8d. a gallon, and was sold at from 2s. to 3s. per gal. His Honour: Even then, such a commission is very large. Defendants denied that they promised any commission. They said they took the plaintiff as an act of charity, as he was recommended by a solicitor and other gentlemen. They said that carbonitas fluid cost about 1s. 3d. per gal., and was generally sold at 2s., so that the suggestion of 1s. per gal. commission was ridiculous. His Honour: I should not care to buy carbolic fluid and provisions at the same shop. Mr. Easton (defendants' solicitor): The fluid is in bottles, your Honour. Mr. Firminger: Our business is exactly similar to that of Fortnum & Mason. If you want any goods which they sell, you can get them from us cheaper. (Laughter.) After hearing other evidence, his Honour said the defendants' story was more probable than plaintiffs', and gave judgment for them with costs.

SUING FOR DENTAL WORK.

At Bolton County Court on June 18, Edward Spedding, of 195 Deane Church Lane, sued Mrs. Lavinia Blinkhorn for 5/.

for a set of artificial teeth supplied. For the defence, Mr. Whittingham urged that plaintiff had no right to claim as he was not a registered dentist. The statute said that no person should charge for dental operations unless properly registered. Mr. Horridge, solicitor for the plaintiff, argued that his client might manufacture false teeth without performing operations. Judge Jones upheld the objection of the defence, and found for defendant with costs.

CHEMIST SUED BY ISAAC GORDON.

At the Salford County Court on June 8, Isaac Gordon, the well-known moneylender, trading as Robert Dean, of Whalley Range, Manchester, sued a Mr. J. W. Johnson, chemist and druggist, trading at Whalley Range, Manchester, as Thomas Edwin Dean, to recover 15*l.* balance stated to be due under a promissory note, dated Manchester, December 16, 1898, for 33*l.* for value received. The defendant, it appeared, had borrowed from the plaintiff 20*l.*, and had agreed to pay monthly instalments of 5*l.*, commencing on January 16 following. In default of payment of any one instalment, the remaining instalments unpaid were to become at once due and payable. It was stated that, after preliminary negotiations, the plaintiff sent a printed form and letter to the defendant, enclosing 20*l.* in Bank of England notes, and the promissory note for 33*l.* to be signed by the defendant. The defendant was asked to read carefully the conditions stated in the note, and to return it signed, or, if the terms did not meet with his approval, he was asked to kindly return the 20*l.* Defendant retained the 20*l.*, but did not at once return the promissory note signed. He was informed of his omission to do so, and, in reply, wrote, "I object to being bullied. It only creates friction, and will not be tolerated by yours truly, J. W. Johnson." However, the note was sent back, duly signed, and plaintiff, in acknowledging it, wrote insisting on his rights, pointing out that an agreement was an agreement, that the terms would have to be carried out to the very letter, and that there had been no attempt to bully at all. It appeared that the defendant's payments had not been regular, but that he had repaid in all 20*l.*, and the balance of 13*l.*, with 2*l.* expenses, was now sued for. The defence was that the plaintiff had assumed a fictitious name for the purpose of inducing people to enter into a contract with him.

His Honour asked in what way the defendant had been defrauded or damaged?

Mr. Shawcross (defendant's solicitor) replied that the name of Gordon was so notorious that the defendant would not have entered into a contract with him.

His Honour said the defendant had had the money and spent it, and then did not want to repay it. His own notion was that a man did not go to a moneylender until he had been to all his friends.

Mr. Shawcross said if his Honour was against him on that point, he could not go any further or resist the claim.

His Honour said he did not think the claim could be resisted. Of course, he had no sympathy with Mr. Gordon or any other moneylender; but if two persons entered into a contract it must stand. Every instalment paid had been two days in arrear, and it was only fair to say that the plaintiff had not had his pound of flesh. Defendant had had the 20*l.*, and did not want to repay the interest.

Judgment was thereupon entered for the plaintiff for 13*l.*, and costs.

In a similar case following the above judgment was also entered for Gordon, his Honour remarking that when the law was altered no one would be more delighted than he to assist in the protection of fools.

Sale of Food and Drugs Act.

CAMPHORATED OIL.

At Birmingham Police Court, on June 9, Albert Tibbatts, druggist, of 165 Summer Lane, was charged with selling camphorated oil containing 78 per cent. of foreign oil. Defendant, who admitted the offence, stated that he made two kinds of camphorated oil—one for medicinal use, made in accordance with the B.P. with olive oil and camphor, the other as a light for bicycles, made with colza and camphor. The two cans were similar, and the boy, who had only been

recently engaged, filled the can containing the medicinal oil with that made for bicycles. He had always been most particular with his drugs and tinctures. A fine of 3*l.* and 9*s.* costs was imposed.

JOSEPH DAVIS, chemist, Summer Lane, was charged with selling camphorated oil containing 80 per cent. of mineral oil. Defendant pleaded guilty, but stated that he told the inspector that the sample contained mineral oil. Inspector Jones replied that this was after the purchase had been completed, and the defendant knew that the sample had been taken for the purposes of analysis. Defendant affirmed that he was not aware of the requirements of the new B.P., as he had only recently bought a copy. Formerly they used mineral oil. The inspector stated that, as the new B.P. had been in existence for fifteen months, a qualified chemist surely ought to have made himself acquainted with its requirements. Formerly inspectors were not allowed to ask for camphorated oil, but under the old B.P. it was made in the same way as now. They used to ask for liniment of camphor, but it was frequently labelled camphorated oil. Defendant said if liniment of camphor had been asked for he should have made it with olive oil. What he sold was up to the full strength, and he had no intention to cheat. In reply to the Magistrates' Clerk, he admitted that mineral oil was much cheaper than olive oil. The Stores had been selling the article at 3*l.* for 4 oz., and others were obliged to follow suit. A fine of 3*l.* and costs was imposed.

WILLIAM THOMPSON, chemist, Summer Lane, admitted selling a sample of camphorated oil which contained 86 per cent. of mineral oil. He stated that he did not serve the sample out of the ordinary stock-bottle, but from one which had been in stock about twelve months, and which was brought to light owing to the painters being in the shop. In this case the penalty was the same as in the others.

HERBERT WALKER, drysalter, 88 Saltley Road, admitted selling camphorated oil which contained 99 per cent. of mineral oil. Inspector Jones said the defendant put the blame on his sister, who he said had no right to sell the oil. The oil, defendant also informed him, was what they put up in 1*l.* bottles, and he added there were no pure 1*l.* bottles in Birmingham. Defendant now informed the Magistrate that the shop did not pay him, but he allowed his sister, a widow, to remain there to sell drysaltery. He sent a boy down there from his other establishment to make camphorated oil. The process they used was heating, and he amused the Court by adding that he did not know whether it was right or not. The boy placed the camphor in the saucepan and turned the oil in, but then found he had made a mistake. He put it in a back kitchen and there left it, but his mother, who was 78 years of age—Mr. Ryland (one of the Magistrates): All you are saying goes to show you ought not to have sold anything for medicinal purposes. The Magistrates' Clerk: Between the boy and the mother you will poison the whole parish. (Laughter.) Fined 3*l.* and costs.

MILK OF SULPHUR.

At Shipston-on-Stour on June 10, Messrs. T. W. Coleman (Limited), drysalters, Banbury, were summoned for selling milk of sulphur which the County Analyst certified to be adulterated with 44.5 per cent. of sulphate of lime. Defendants, who pleaded guilty, said the article was sold in exactly the same condition as they received it from the wholesale house. A fine of 10*s.* and 13*s.* costs was imposed.

At Hull on June 14, George Kike, chemist, Cottingham, was summoned for selling milk of sulphur which was adulterated with 19 per cent. of sulphate of lime. Mr. W. Scrutton, York, watched the proceedings on behalf of Messrs. Raimes & Co., wholesale druggists, and Mr. Rollit defended.

Mr. Baynes, county analyst, cross-examined by Mr. Rollit, said, in his opinion, the adulteration was due either to careless manufacture or wilful addition. If the sample left with defendant had been analysed and only found to contain

about 1 per cent. of sulphate of lime, it could not have been the same quality as examined by him.

Mr. Rollit said defendant's sample had been analysed and found to contain only 1 per cent. He asked that the remaining sample be sent to Somerset House for analysis, a request which the Magistrates granted.

At Leven Petty Sessions on June 14, a Hornsea chemist, named Thomas Loten, was summoned for selling milk of sulphur which Mr. Baynes, the East Riding analyst, certified as being adulterated with 49.35 per cent. of lime. Mr. Loten, in defence, said the sample was an old one, having been in the drawer ten years. He was ignorant of the inclusion of milk of sulphur in the list. William Alfred Allison, wholesale druggist, Hull, also gave evidence, and a fine of 1*l.* and costs was imposed.

GOLDEN SYRUP.

At Trowbridge Petty Sessions, on June 8, Frank Daly, grocer, was summoned for selling a tin of golden syrup which was adulterated with 50 per cent. of glucose, but after a lengthened hearing the Bench dismissed the case. In a similar charge against another tradesman, named Witts, a fine of 12*s.* was inflicted, the proportion of glucose in this case being 70 per cent.

The Petroleum Acts.

STORAGE OF BENZOL.

At the Southwark Police Court, on June 13, George Bult Francis, of Heaton, Squire & Francis, wholesale druggists, 38 Southwark Street, S.E., was summoned for keeping petroleum upon his premises without a licence. The defendant did not appear, but sent his stockkeeper.

The Magistrate (Mr. Paul Taylor) told the stockkeeper to stand down. Under the Summary Jurisdiction Act the defendant must appear personally or by counsel or solicitor. The defendant had chosen to do neither, and he must take the consequences.

Mr. Godfrey, for the prosecution, said the defendant was in a large way of business. He had no licence from the London County Council, and was liable to a penalty of 20*l.* a day. An L.C.C. inspector said he found on the premises a five-gallon drum labelled "Benzole." Defendant said it was a product of coal tar, and he did not know that the Petroleum Acts applied to it. The witness showed him to the contrary, and the defendant said he was sorry. A sample, on being tested, showed that the flash-point was 60 deg.

The Magistrate: Do you look upon it as a serious case?

Mr. Godfrey: Well, we don't know how long it has been going on, but, of course, having petroleum in five-gallon drums without a licence is a serious matter.

The Magistrate said the defendant did not take the trouble to appear properly before the Court, and he must be fined substantially. The penalty would be 20*l.* and 42*s.* costs.

Mr. Francis's representative wished to say something, but the Magistrate declined to hear him.

We have since received the following letter, dated 38 Southwark Street, S.E., June 14:—

SIR,—Referring to the case at the Southwark Police Court on Tuesday last, when my firm was fined under the Petroleum Acts, I may state that the quantity found on our premises was under 1½ gal., but our stockkeeper had neglected to have it bottled off into pint-bottles as required by law.

As we were clearly in the wrong, and had no intention of defending ourselves, we thought we met the case by sending on the man in question to explain the matter and pay whatever fine was imposed. We had no intention of committing contempt of Court.

Yours faithfully,

GEO. BULT FRANCIS.

The Saccharin Litigation.

MR. JUSTICE KENNEDY and a special jury, in the Queen's Bench Division on Friday, commenced the hearing of the case of Fahlberg, List & Co. v. Wilson, Salamon & Co. (Limited) (in liquidation). It was a claim by Constantine Fahlberg and Gustav Adolph Moritz List, trading as Fahl-

berg, List & Co., chemists, in Magdeburg, Germany, to recover 12,000*l.* from the defendants, merchants dealing in saccharin and kindred matters, having offices in Queen Victoria Street, London, for alleged breach of contract. Defendants denied having committed any breach, and counterclaimed for 58,946*l.*, damages for alleged misrepresentation and over-payments under contract of December 17, 1892.

Sir Edward Clarke, Q.C., M.P., Mr. R. M. Bray, Q.C., and Mr. Edward Bray were counsel for the plaintiffs; and Mr. Fletcher Moulton, Q.C., M.P., Mr. Lawson Walton, Q.C., M.P., Mr. C. H. Pollard, and Mr. Maughan for the defendants.

Sir Edward Clarke said the plaintiffs, who were partners in business in Germany, based their claim upon an undertaking entered into by defendants that, in the event of their transferring their business to a limited company, they should procure that Dr. Fahlberg be engaged as consulting chemist to the new company for a term of ten years, at a salary of 1,200*l.* a year, he being bound by the engagement to attend a certain number of times in London during the year and give his assistance and advice in carrying on the business of the said company. The first question was whether Dr. Fahlberg had become entitled to damages from the defendants for not carrying out that engagement. On their side the defendants had counterclaimed for a large sum, alleging that Fahlberg, List & Co. had induced them to enter into a contract with regard to the purchase of saccharin by false representations. Saccharin was a very valuable product, the secret of which was discovered by Dr. Fahlberg. By their contract Dr. Fahlberg and his partner agreed with the defendants that saccharin should be supplied to them at a certain price—40*m.* per kilo. "pure" saccharin, and 60*m.* "refined." They also agreed that if future economies were effected in the manufacture the defendants should have a proportionate reduction in the price. Defendants' case now was that they were told when the contract of 1892 was made that 40*m.* was the cost-price to plaintiffs, and they were supplying saccharin without making any profit; but that was not true, and therefore they were entitled to damages. In order to succeed upon the point defendants must prove that they had sustained damage in consequence of having entered into that contract. But so far from having sustained damage, they had distributed in successive years to their shareholders dividends sometimes of 15 per cent., sometimes 25 per cent., and sometimes 30 per cent. Their profits had been so large that in five years they had paid off the whole of the 50,000*l.* debentures which they gave to plaintiffs as consideration for the patent-rights, and they had now sold the patent-rights to a company called the Saccharin Corporation (Limited) at a price which brought to the shareholders at least three times as much as they originally invested. Therefore it was impossible to say they had suffered damage. A third part of the case could not be disposed of by the jury. By the contract of December, 1892, the initial price of saccharin supplied was 40*m.* per kilo., and under the clause by which defendants were to benefit by economies effected in the manufacture they had to a large extent benefited by a continuous reduction in price. Defendants now said they had not had the full advantage of the economies, but that was a matter which depended upon an exhaustive analysis of the accounts, and he was satisfied that when it was gone into it would be found that they had had their full share.

Mr. Lawson Walton said the defendants' case would be that the price at which saccharin was to be supplied by them was to be cost-price, and the fact that they had made large profits did not disentitle them to claim that they would have made still larger profits had the prices been properly fixed as was agreed.

Dr. Fahlberg, the plaintiff, in examination by Mr. Bray, said in 1885 he discovered saccharin, and took out the patents for it in this country, and the next year the firm of Fahlberg, List & Co. was formed to manufacture it. The defendants acted as their representatives in Great Britain until 1892, when, as a result of negotiations, the agreement with them was signed.

Cross-examined: His business in Germany was a large one, employing about 200 hands. Saccharin was the main product produced, though there were others. He was the chief chemist, and his partner (Dr. List), looked after the

commercial side. At his instance a clause was put into the agreement that he should not be required to stay more than ten consecutive days at any time in England, nor more than forty days in all in one year.

Mr. Lawson Walton, in opening the defendants' case, first pointed out to the jury that the value of the appointment of 1,200*l*. a year which Dr. Fahlberg was to have under the agreement was not the net sum. Its fulfilment would involve repeated visits to England and correspondence, while Dr. Fahlberg was to have initiated the manufacture in England, and superintended the erection of the works, all of which he would have saved. Defendants, by their counterclaim, said that from 1892 they had been systematically overcharged for saccharin supplied to them. It was admitted that they had been charged at rates exceeding the cost-price to plaintiffs, and to the plaintiffs' full knowledge. The plaintiffs denied making such representations. In 1892, prior to the agreement, Fahlberg, List & Co. had an absolute monopoly in saccharin, and they made a manufacturer's profit, and defendants made a profit on the sale and brokerage in England. Negotiations were then commenced between them on the basis that the defendants should be empowered to manufacture the saccharin required for this country's consumption in England. Negotiations with regard to the patents were entered into, but while these were proceeding, the plaintiffs pointed out that their works in Germany were large enough to supply the world's demand for saccharin, that they could easily be extended, and that the cost of production would be lower than in England; and they said that, if they could get a certain price for their patent-rights in England, they would accept that as consideration for their manufacturing saccharin in Germany and supplying it to the defendants at cost-price. Consequently the defendants paid 50,000*l*. in cash for the English patents, and the agreement for carrying out the arrangement was signed. It was not until 1895 that the English company first suspected that they were being overcharged. In that year a French company commenced business, and their competition in this country became very considerable. The English company were advised to take action against the French company for infringement of their patent rights; but ultimately they came to the conclusion that they could not successfully do so, and the best thing for them was to come to terms with the French company. In these negotiations they were informed by the French company that they were paying far too much to Fahlberg, List & Co. At the time Dr. Fahlberg doubtless became suspicious, for he voluntarily undertook to make a large reduction in the price of saccharin supplied to defendants. That they refused, and they decided to enforce their rights. At that time a new company was being formed in England to carry on this business in conjunction with the French company. It was not until they determined to obtain some legal remedy for these overcharges that Dr. Fahlberg formulated his present claim.

Mr. Albert Gordon Salomon, a member of the defendant company and managing director of the Saccharin Corporation (Limited), said that in the negotiations Dr. Fahlberg repeatedly assured him that 40*m*. was the actual cost-price to him of saccharin. When, by economies Dr. Fahlberg said he had effected, he reduced the price to 38*m*., he reiterated that they were charging the actual cost-price. Witness knew that the words "cost-price" were not in the agreement. It was upon the basis that it represented at the time the cost-price that the 40*m*. was put into the agreement. When negotiating with the French company, the defendants discovered that while they were paying Fahlberg, List & Co. 30*m*. a kilo. for saccharin they could have obtained it elsewhere at 16*f*. On that they wrote to Dr. Fahlberg, who, in March, 1897, came to London. In conversation with witness, he said, "You will find we have been charging you a small profit, but it is only to cover establishment charges." He then offered to take a lower price if witness would buy 2,000 kilos.—viz., 25*m*.—but as saccharin could be got cheaper elsewhere he declined it, and from that time they had made no purchases from the plaintiffs. When the company was formed it was for the purpose of selling saccharin, and, as managing director, he was deputed to instruct the solicitors when framing the memorandum of association so to do it that they could not manufacture saccharin.

Cross-examined by Mr. Bray: Wilson, Salomon & Co. sold

the whole of their goodwill to the Saccharin Corporation.

Mr. Bray: And did they get for that, exclusive of stock and book-debts, 225,000*l*.?

Witness: No; the French Société got a large portion of that, and there were buyers whose rights were purchased, and there were large cash-payments made, among others, for about twenty different patents, in order to entrench ourselves.

In reply to the Judge, witness said, as far as his memory served, he believed Wilson, Salomon & Co. got three-quarters of the cash and the shares.

Further cross-examined: By the arrangement agreed upon establishment charges were to be included in the price charged by Fahlberg, List & Co., who were to make no profit at all for themselves. He had interviews at Brussels and London before the agreement was signed, when these terms were discussed and accepted.

Mr. Bray: Is there anything in writing by you to the effect that Dr. Fahlberg had represented the cost of manufacture to be 40*m*., until this action was brought?—No; I never questioned his good faith.

At this stage the trial was adjourned.

On the hearing being resumed on Thursday, a prolonged consultation took place between counsel, after which

Sir E. Clarke said an arrangement had been come to which would relieve his Lordship and the jury of this litigation. It was a case in which several distinct and separate issues arose, and one part of it would involve an inquiry into accounts, which could not have been carried out by the jury's aid. In addition to this claim and counterclaim there was a Chancery action in respect to the patents which were covered by the agreement, and certain other matters of difference open between the parties. In the circumstances which arose his clients had with some reluctance accepted his advice to refer all matters of difference to some gentleman of experience and authority at the Bar, because there was undoubtedly in the pleadings a charge made against them of having misled the defendants by their representations. That accusation they absolutely and entirely denied, and were prepared with evidence to support that denial, though he (Sir E. Clarke) thought there might have been some misunderstanding as to what actually was the effect of conversations carried on between two German and two English gentlemen, sometimes in English and sometimes in German. Terms had been agreed upon by which all matters of difference between the parties would be referred to his learned friend Mr. Bremner, whose decision would be final in matters of fact, and who would state a case for the opinion of the Court, if either party desired it, on any question of law, and would have full power to make inquiry with regard to the accounts. The parties agreed to be bound by his directions and his award.

Mr. Justice Kennedy assented to the course taken, and the jury were accordingly discharged.

Petroleum in Paint.

THE case of London County Council v. Holzapfel's Company came before a Divisional Court of Queen's Bench, composed of Justices Grantham and Lawrence, on Wednesday. It was an appeal by the Council from the refusal by Mr. Dickinson, a Metropolitan stipendiary magistrate, to commit the defendants for infraction of the Acts relating to the storage of petroleum. Mr. Horace Avory, for the County Council, said the defendants, who traded at Newcastle, were the manufacturers of Holzapfel's anti-fouling composition, which was extensively used on ships' bottoms, and they had large stores of it in London. This composition contained about 33 per cent. of petroleum oil, and an equal quantity of linseed oil, and was in the form of a liquid paste. Not only the petroleum oil used in the manufacture, but the composition itself when manufactured, gave off an inflammable vapour at a temperature of less than 73° F. The question for the Court was whether this composition was petroleum as defined by the Petroleum Acts, and subject to the regulations for the storage of petroleum. The Magistrate found that it was not; but this finding, counsel argued, was wrong, because petroleum mixed with something else did not cease to be petroleum. This compo-

sition presented exactly the dangerous features which the Petroleum Acts were intended to guard against. In the course of his argument Mr. Avory quoted the case of the Pharmaceutical Society *v.* Ormson (1894, 2 Q.B., 720), in which it was held that a patent compound containing, as one of its ingredients, one of the poisons scheduled in the Pharmacy Act did not cease to be poison because the poison in its composition was mixed with other substances.

Mr. Atherley Jones, Q.C., having argued in support of the Magistrate's decision,

Mr. Justice Grantham gave judgment in favour of the appellants. He arrived at this decision with some regret, because he always felt sorry to hamper a person carrying on a legitimate trade. It was possible to mix petroleum with other substances in such small quantities that it did not give off inflammable vapour; but in this case they had to deal with a product which did give off inflammable vapour at 73° flash-point, and which consequently seemed to him to come within the mischief of the Act. It did not make it the less petroleum because other substances were mixed with it.

Mr. Justice Lawrance concurred.

Bankruptcies and Failures.

Re SOLOMON POLINSKI, 172 Brick Lane, Spitalfields, Soap-patentee, &c.

AT the London Bankruptcy Court last week, before Mr. Registrar Brougham, the debtor applied to pass his public examination upon accounts showing total liabilities 1,113*l.* 14*s.* 5*d.* (unsecured, 563*l.* 14*s.* 5*d.*), and a sum of 1,104*l.* 14*s.* 5*d.* expected to rank for dividend-purposes, against assets valued at 40*l.* 13*s.* 3*d.* The debtor said he was a Russian by birth, and came to this country in 1889. He entered into partnership in 1897 with a Mr. Benjamin Israel, in connection with a patent soap marking machine, which marked the name of the maker of the soap right through the tablets. Witness was to have one-third of the profits, the other two-thirds going to Mr. Israel. The latter now held the patent, and witness, having provided 150*l.* for the speculation, received nothing whatever. The debtor was examined at some length regarding other transactions, and was then allowed to pass.

Re JOHN HOGG MCOWAT, 350B Duke Street, Glasgow, Chemist.

AT the County Buildings, Glasgow, this debtor appeared for examination in bankruptcy on Monday, before Sheriff Guthrie. Mr. J. D. Sirling was the trustee, and Mr. J. Jeffrey Hunter the law agent. Debtor stated that he commenced business as a chemist and druggist in September of last year. The cash to purchase the business was advanced to him, he having no capital of his own. His liabilities are stated at 657*l.*, against assets estimated to produce 423*l.* The case was concluded.

Re HARRY BENTINCK BUDD, Charters Towers, Lingfield, Surrey, formerly Patent-medicine Proprietor.

THE adjourned public examination of this debtor took place at Tunbridge Wells on June 13. The examination had been adjourned for the debtor to submit a cash-account, showing his position from October, 1897, and to amend the statement of affairs; and in opening the proceedings the Deputy Official Receiver said the promise of the debtor had been only partially complied with so recently as Saturday last. The cash-account had not been balanced, and the wife's claim had been omitted altogether. The Official Receiver had not had an opportunity of going through the amended statement, and he did not desire to ask the debtor any questions that day. Mr. Turrell, on behalf of a trustee, questioned the debtor as to a sum of 3,250*l.*, which he filed as money being lent him by his wife, which was one of the questions that ought to have been answered in the cash-account. Mr. Mackintosh, for the debtor, hoped that reasonable time would be given the debtor to furnish a

statement. He was more than solvent at the present time, and he asked for a long adjournment in order to give Mr. Budd an opportunity of paying 20*s.* in the pound. In reply to Mr. Turrell, the debtor said the patent of celladema belonged to his wife. She bought it at a sale for 25*l.* Mr. Turrell asked questions suggesting that this 25*l.* was paid by the debtor. He asked if his wife had a private income of her own at the time of her marriage.—Debtor objected to the question, and appealed to his counsel, who, in turn, appealed to the Registrar, who thought the question hardly admissible. Mr. Turrell urged that the reply was necessary to the proceedings, as it was essential to find out where the money came from to buy the furniture at Charters Towers. No satisfactory reply could be obtained from the debtor as to what he did with the 3,250*l.* lent him by his wife, and the examination was eventually adjourned until July 24.

Gazette.

PARTNERSHIPS DISSOLVED.

Macleod, H. W. G., and Tench, S. E., under the firm of Macleod & Tench, The Turret, Streatham, and Brixton Road, S.W., surgeons and general medical practitioners.

Smith, J. B., M.B., M.S., and MacGregor, D. O., under the style of Smith & MacGregor, Camden Square, N.W., and Aldersyde, Lindfield Gardens, Hampstead, N.W., physicians and surgeons.

THE BANKRUPTCY ACTS, 1883 AND 1890.

RECEIVING ORDER.

Doring, Conrad E., Doring, Gustav Gerhard, and Doring, Paul Heinrich Ellmar (sued and described in the bankruptcy notice as the Continental Bottle Company, Billiter Square Buildings, E.C., merchants.)

ADJUDICATION.

Gray, Archibald Campbell, and Dixey, Clement Gough (lately trading in co-partnership as Gray & Dixey and the Victoria Non-Alcoholic Brewery), late Penel's Place, Queen's Road, Peckham, S.E., late trading in co-partnership as mineral-water manufacturers.

ORDER MADE ON APPLICATION FOR DISCHARGE.

Broxap, Walter, Salford, analytical chemist—unconditional discharge granted.

Deed of Arrangement.

Lawrenson, John, 159 Stretford Road, 91 Bridge Street, and 80 Grosvenor Street, Manchester, and Pemberton's Arcade, Barlow Moor Road, Chorlton-cum-Hardy, chemist and druggist and spirit merchant. Trustee, Isaac Bell, 39 Hanging Ditch, Manchester, accountant. Dated, June 2; filed, June 9. Liabilities unsecured, 1,534*l.* 3*s.* 6*d.*; estimated net assets, 977*l.* 5*s.* 2*d.* The following are scheduled as creditors:—

	£	s.	d.
Bentley, C. H., Chester	290	0	0
Blackburn, W., Chorlton cum-Hardy	15	0	0
Burgoyne, Burdidges & Co., London	15	0	0
Cavannah, Thomas, Manchester	12	0	0
Crosfield, Joseph, & Sons (Limited), Warrington	13	0	0
Dunville & Co., Manchester	16	0	0
Evans, Sons & Co., Liverpool	55	0	0
Ferdinand, Droughet & Co., London	16	0	0
Fitzsimmons, — (Stewart & Co.), Manchester	80	0	0
Gillet & Rivington (Limited), London	15	0	0
Heath Brothers, Manchester	29	0	0
Helm, W., & Co., Leith	29	0	0
Kenworthy, E. L., Manchester	57	0	0
Kinloch, Charles, & Co. (Limited), London	47	0	0
Lawrenson, Thomas, Radcliffe	210	0	0
Oldfield, Pattinson & Co., Manchester	80	0	0
Pemberton, J. H., Manchester	25	0	0
Robinson, Benjamin, Pendleton	14	0	0
Shaw, Thomas	100	0	0
Thompson, R. H., & Co., Leith	10	0	0
Wilkinson, James F., Pendleton	19	0	0
Wilson & Co., Manchester	55	0	0
Wormald, Joseph, Manchester	17	0	0
Wright & Greig (Limited), Glasgow	15	0	0
Yardley & Co. (Limited), London	10	0	0
Bankers' claims	180	0	0

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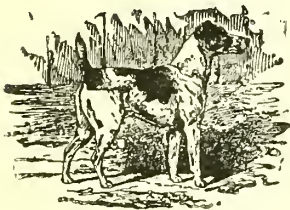
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Editorial Comments.

What Do We Want?

WE are still awaiting the report of the Select Committee of the House of Lords, which, it may be presumed, will explain what arguments induced the eminent members of that committee to adopt the Lord Chancellor's views on pharmaceutical legislation, and assimilate his Bills. There may have been some opposition, and we all know that the Committee had hitherto refused to burden its measure with pharmacy matter. But somehow Lord Halsbury has managed to persuade a majority of his colleagues that pharmaceutical companies are worthy of recognition and need regulation, and that, while it is contrary to the public interest that joint-stock companies should pose as doctors, dentists, or midwives, there is no sufficient reason for denying them the privilege of assuming the titles and functions of

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APPOINTMENTTO HER
MAJESTY
THE QUEEN.

TABLE WATERS

ARDWICK GREEN, MANCHESTER.

pharmacists. We can hardly imagine that any dozen men, capable of thinking out a subject, even though they might know but little of it, should have deliberately sanctioned such a misappropriation of honestly-acquired property as they have agreed to engraft on the Companies Bill; granting John Blank (Limited) the right to assume by payment the qualification of pharmaceutical chemist, which John Blank simply can only acquire after years of study and training. This Committee was expressly appointed to rectify injustices, and it has gone out of its way to create this glaring one.

And chemists are making no articulate, or at least no official, protest against this proposal. Why they are thus meekly turning the cheek to the smiter no one seems to know. The Council of the Pharmaceutical Society of Great Britain were so unanimous in their wisdom that they last week refused the appeal of their one new colleague for light on the subject. Since the Lord Chancellor gave us a lead twelve months ago we have all been talking in more or less accord about what we want, and what we might hope to get, and our representative body professed to be only waiting for guidance from their constituents. They counted the petitions sent to them, and out of these framed a policy in February. We ask in all sincerity and innocence, Have they got one now? We say "now" advisedly, because the policy of the Suggestions has been apparently dropped. We presume it has been abandoned, because at the annual meeting of the Pharmaceutical Society the President expressly stated that there was no objection to companies carrying on the business of chemists and druggists so long as they did not secure the right to use the titles. That, at any rate, was not the policy of the Suggestions. But is this all we are to be committed to? If it is, there should be very little difficulty in obtaining satisfaction. But what of the eager and valiant rank-and-file who are being first marched up the hill and then down again? It is almost pathetic to see the patient drill-sergeants throughout the country inducing their squadrons to still send to Bloomsbury resolutions expressing confidence in the policy of the Pharmaceutical Council, though no one has the least idea what this may be. The position was expounded with almost literal accuracy by our poet of last week, when he represented the wailing chorus of discontented members:—

By day and night we're vainly seeking
We know not what—we know not what.

But the situation is not a creditable one to any of us. In the name of dignity let us pretty soon make up our minds what we do want, and ask for it like men, or cease this everlasting complaining of our lot. It is far better to bear the ills we have than waste time in attempting to remedy them if they are irremediable.

Mr. Hills saw in May that to ask for a total suppression of company-trading in all that has come to be regarded as the business of a chemist and druggist was impracticable. He held a different view in February, when, in common with the company-directors on the Council and his other colleagues, he agreed in recommending the Lord Chancellor to suppress chemist-companies altogether. Now, however, all we know is that we are to wait till the Watch Committee says "Fire," but we have no idea what we are to fire at. We have ourselves urged that, by making the Lord Chancellor's clause a little more definite as to the qualification of the *bonâ fide* managers who we can logically show are the directors of the company, we should secure our ends. The only reply so far made to this suggestion is that the great co-operative stores would not like it. A very regrettable circumstance, no doubt, but one which need not be fatal.

The President of the Pharmaceutical Society of Ireland holds very decided views on company-pharmacy. He seems to perceive something approaching a triumph in the transfer of the Lord Chancellor's Bills to the Companies Bill. He indulges in the fancy that the Lord Chancellor is ashamed to press his proposals forward under his own name. It is a very small advantage, and an unsubstantial one at the best; but more important still is the circumstance that even the Irish Council do not seem prepared with any definite policy to recommend, unless it be one of irreconcilable opposition, which will certainly not make our position better.

The Edinburgh Chemists' Trade Association we notice offers this week "Proposals for a new Pharmacy Act." These, at any rate, do not err on the side of extravagance; indeed, they seem hardly worth fighting for. The first, limiting the dispensing of medical prescriptions to qualified persons, is a very large scheme, and one that opens up many difficulties if it means that no other than qualified persons are to do the actual compounding. If, however, it is merely meant to provide that only chemists may keep open shop for the dispensing of medical prescriptions, reserving, of course, the rights of medical practitioners as well as those of companies—and this is what the Edinburgh chemists intend—it is reasonable, but there is nothing in it. Practically nobody but chemists, doctors, and companies at the present day keeps open shop for dispensing medical prescriptions. The extension of the schedule of the Pharmacy Act is the most valuable proposal made by the Edinburgh chemists, but it is the one that they seem most shy of insisting upon, and if they intend to make such a substance as carbolic acid only half a legal poison, as they do, they sacrifice the strongest demand we can make in the interests of the public to a very poor piece of expediency. The suggestion that the employer of an unqualified assistant who sells a poison should be liable to the same penalty as the actual seller himself is scarcely called for. If he could be conveniently substituted for the assistant it might be an improvement, but we cannot see much to object to in the law as it stands at present if the object is, first, the safety of the public, and, secondly, the appreciation of the qualification. The final proposal to register and regulate companies carrying on a pharmaceutical business does not seem to be conceived in the interests of chemists. If we are not able to stop them, or even check them, that is no reason why we should go out of our way to help them.

Really, it is the business of the Council of the Pharmaceutical Society to formulate a policy under the circumstances, and it should be one that can be boldly defended by logical people. To merely advise a steady retreat, which is all they do now, is the poorest of methods to accomplish anything.

The Indispensable Ipecac.

SINCE our last issue the London holdings of ipecacuanha have practically been cornered, a New York firm, who have been buying large quantities of the drug since it was in the neighbourhood of 6s. per lb., having stepped in and cleared some 20 bales of Rio ipecacuanha at the last sale-rates. Promptly the price in first hands went up to 16s. per lb. on Monday, and 17s. per lb. is now wanted for the few bales held by the importers, while the Cartagena root has advanced to 13s. per lb. We have so often during the past twelve months spoken of the ipecacuanha-market as a rising one, that it can do no harm, and may do good, to refer once more to the fact that the rise in value is simply due to short supplies of the Rio root. We gave authentic and full particulars regarding the collection of the drug in the

State of Matto Grosso early last year, and then stated that the collection of indiarubber was drawing away the diggers from their old occupation to the new one. A few old collectors are left for the ipecacuanha, but how few may be judged from the fact that the last harvest amounted to 180 bales, or about a fourth of an average crop. Although our imports in a single year have gone above 1,900 bales, as was the case in 1892, when a few hundred bales of Cartagena root were included, the yearly average is about 700 bales, and as the bale averages about 100 lbs. and diggers can gather 4 lbs. to 5 lbs. per day during six months, sixty diggers working three days a week could have gathered the whole of the last harvest easily. This indicates that the number of diggers had dwindled down from the 400 that there were at the beginning of 1898. We do not mention these facts to strengthen any lingering hope which may still exist that prices will come down when the next harvest comes on. The present facts must suffice, and these are that the digging-season which ended in March last brought to Monte Video 180 bales of ipecacuanha, and telegraphic advices this week state that 140 of these have already been delivered in London and the rest have been shipped to New York and London—30 to the former port and 10 to the latter—but we hear in another quarter that 20 are on the way to London. Anyway, the figures are too meagre to argue about, and it must be noted that they represent the available supply of the drug for the next six months. It is well known that wholesale druggists have been buying from hand to mouth, and it seems doubtful whether the visible supply, and the larger amount held by speculators, are adequate for the needs of the world, which we compute at about two bales per day at the most, or eight bales per week at the least. As five-and-twenty weeks have to elapse before more of the drug is harvested, and as there is not much more than 100 bales visible and in second hands, it seems certain that we shall have an ipecacuanha famine before November. In view of this well-informed brokers and merchants predict that 25s. per lb. will be the Mincing Lane price before the summer has far gone, and this means that retail buyers may have to buy picked Rio ipecacuanha by the oz.—say, at 2s. per oz. There is, we hear, a single bale of Cartagena ipecacuanha now on the sea, and more of that kind may be forthcoming, but it would not be safe to reckon upon it.

The present condition of the drug is a striking proof of the assertion that the consumption of drugs increases and decreases inversely with the price. That statement has long been pooh-poohed by some of the best drug-merchants, pharmacists, and physicians; and we presume that if they wanted a drug to support their case they would select ipecacuanha—a thing which, from its nature, no one takes unless it is absolutely necessary. Yet the figures for the past decade are utterly opposed to that notion. We find that from 1890 to 1896, when ipecacuanha was selling in Mincing Lane at 4s. to 5s. 10d. per lb., the average monthly stocks in the London warehouses were 1,000 packages, and the deliveries per month 125 packages. In 1897 the price ranged from 5s. to 6s. 10d. per lb., and the stocks were 350 packages per month and deliveries 70 packages; last year prices were between 7s. 6d. and 13s. per lb., stocks 200 and deliveries 60 packages per month. So far, therefore, the deliveries or sales diminished as the price increased, and this year we have complete corroboration, the price of Rio ipecac. having gone up to 16s. per lb., and the deliveries gone down to 30 packages per month. It may be supposed that ipecacuanha is indispensable, but these figures show that we are now using less than a fourth of the amount that was used in 1890-96. No doubt Cartagena ipecacuanha has replaced part

of it, but there is a possibility of doing with still less, and we do not suppose that the world has felt the worse because it is using at least three bales of ipecacuanha less per day than it was doing three years ago, and gets along on a little more than one. The question is, Can we do without the bale that is left to us?

Better Trade.

THE tide of improved business which has been flowing over the United Kingdom since the beginning of the year shows no sign of receding, the figures for May being better by nine million pounds than those of May, 1898. The figures, as given in the Board of Trade Returns, are as follows:—

	May	January-May
Imports...	£10,876,628	£198,403,349
Exports, manufactures	23,030,240	104,541,727
Exports, colonial and foreign produce	5,746,796	27,956,101
	£16,783,436	£132,500,528

The net increases for the five months are 1416,346l. in imports, and 13,046,786l. in exports, the latter including 4,691,638l. of new ships. Goods in which the chemical and drug trades are interested decreased in imports (17,537l.) last month, but increased in exports to the extent of 202,313l., or a third more than in May, 1898, and making good the deficit on the previous four months' exports, so that a surplus of 193,005l. remains. This is good, and worth looking into. Turning to the details, we find a gratifying increase in the exports of alkali, the total for the month being 360,315 cwt., valued at 94,256l. compared with 321,355 cwt., value 87,030l., in May, 1898. This is solely owing to the fact that manufacturers are finding new customers to replace those countries which are squeezing out our alkali-produce by excessive protective tariffs. Holland is the only European country which is buying more alkali from us, and Canada is the only other specified country in the same category. The latter furnishes exceedingly gratifying figures. We contrast those for May and the first five months of the past three years with the figures for the United States, and it will be seen how well Canada's support of the home country is bearing fruit. The figures represent cwt.s.:—

	Canada			U.S.A.		
	1897	1898	1899	1897	1898	1899
May ...	16,654	18,001	33,824	230,597	67,855	41,620
Five months...	44,475	59,848	63,382	1,075,938	442,486	237,962

"Other countries" took 140,753 cwt. of alkali from us last month, compared with 98,517 cwt. in May, 1893. Our United States alkali-trade is long past redemption, and our manufacturers have recognised that by establishing factories there so that British capital and skill will yet retain much of the American trade in alkali, and will get all the advantages of Western trading with South American States. The protective tariff there may thus after all work out to our advantage, for it is the employment of British capital and skill which is our chief concern. The increase in alkali-exports was accompanied by an increased export of bleaching-materials, 103,869 cwt., compared with 91,074 cwt. in May, 1893, the net increase for the five months being 92,665 cwt.; but the values have fallen considerably, only 133,300l. being obtained for 539,771 cwt. this year, compared with 691,435l. for 447,106 cwt. last year, and 767,692l. for 434,453 cwt. in the first five months of 1897. The United States has bought scarcely so much bleach from us this year, but begins to pull up now, her purchases for May being nearly 3,400 cwt. better than in May, 1898, and 13,000 cwt. better than in May, 1897. She takes more than half of our

bleach and "other countries" the rest, the figures for the latter showing that in this article also we are finding new markets, the exports for this year being nearly 100 000 cwt. better than those for the first five months of 1897. Still neither of these articles accounts for a penny of the increased value of chemical-exports—in fact, they are about 10,000% below last year; nor does sulphate of copper, another important staple, which has recently been at a high price. It comes out about 23 000% less in value, and about 10,000 tons less in amount, than in the first five months of last year; but the figures for May are 7 581 tons, value 179,942*l.*, which is better than in May, 1898. The tide of prosperity in chemicals really runs in the following directions, these being the figures for the first five months of this year, and the increases noted are increases over last year:—

Chemical manures	... £1,020,914	increase	£130,319
Medicines	... 475,084	"	41,257
Bleaching-materials	... 133,300	"	4,824
Other chemical products	1,212,426	"	57,362
Total increase	... ..		233,762
Decrease in alkali and copper sulphate	...		37,757
Net increase	... ..		£196,005

While these are the most striking figures of the month, there are others in the returns which deserve notice. A very interesting item is Peruvian bark. Below we show the imports and exports for the first five months of 1898 and 1899, which tell their own tale to those who have followed the quinine speculation:—

	1898	1899
Imports	... 28,523 cwt.	12,598 cwt.
Exports	... 9,819 cwt.	15,587 cwt.

The only relief to these discomfoting figures is that in May we imported 3 435 cwt., and exported only 2 322 cwt. The borax figures are laughable: exports in May, 2 cwt.; for the five months, 98 cwt. (compared with 24 cwt. in 1897); imports, May, 594 cwt.; for the five months, 26,354 cwt. Why borax has been selected for special distinction in the Board of Trade Returns we have never been able to understand. Quinine would be a more interesting item.

The Art of Advertising.

MR. WILLIAM STEAD, JUN., is a chip of the old block. He has written for Messrs. T. B. Brown (Limited), the well-known advertising agents of Queen Victoria Street, E.C., a book entitled "The Art of Advertising," which effectually ensures that we shall not add a book with that title to the series which we commenced with "The Art of Dispensing." Mr. Stead, like his father, is bold; he takes his advertising mottoes from Dr. Johnson, Joseph Addison, and Lord Macaulay, and disarms any possible objection that timid traders may have to modern methods by commencing his book with an account of the Queen's advertising. Every morning her Majesty lets the world know, in fresh paragraphs published in the *Court Circular*, the business she has done the day before. Her arms are a sign which confronts us always: every letter-box in the land bears her initials, and her features in stone or bronze are set up by towns and peoples to keep us in mind of Royalty. But the Royal Standard is what most appeals to the heart of the advertiser: it is a design which the latter-day poster-artist cannot approach. All this Mr. Stead puts down as germane to if not actually in the gentle art of advertising, and he would even have us believe that the Queen's head on the coins we handle is a mere trade-mark which none may imitate or deface. The anxiety for advertising is found in all grades of society.

The Earl's coronet placed on the panel of a carriage, at a cost of two guineas a year, begins a line of displayed advertisement which ends, say, with the Homocea hand on an omnibus that "Touches the Spot" and costs, probably not less than 10,000*l.* a year. This insidious reasoning leads us on to page 16, opposite which we find an exceedingly clever illustration in black and red, which is nothing less than the pillar of Dr. Jones's gateway with the red lamp above; the whole intimating that Dr. Jones is a physician and a surgeon, that he attends between 9 and 11 in the morning and 6 and 9 in the evening; while a hand points round the corner "To the surgery." Dr. Jones would be ostracised by his fellow practitioners if he inserted an advertisement in a newspaper, but the red lamp and brass plate are an advertisement all the same, and it is the old-fashioned objection to display which prevents development. Never, we hope, may it be otherwise in British medicine. The objection to doctors advertising in newspapers is not mere sentiment: wherever such advertising is tolerated—as, for example, in South Africa and the United States—it degenerates into something bordering on obscenity, and is generally associated with pure quackery. The idea of entrusting the health of one's family to such individuals is repulsive. So we draw the line at the red lamp, brass plate, bulletin, and published books. It is curious, nevertheless, that there is no other class of professional men, except Edinburgh advocates and some suburban solicitors, who display their advertisements on their private residences.

Having so far endeavoured to convince the timorous that advertising is eminently respectable, Mr. Stead proceeds to unfold the function of advertising. Without advertising business is limited, and new customers rare. Moreover, the spirit of the age is in sympathy with the advertiser. People like to be told what they want; anyone can buy what he has bought before, but the busy commercial man and the woman who has to look after a house have no time to find out the best article in the market: they need to be educated. Business men who realise the fact use every possible opportunity to educate the public by press advertising rather than by the more expensive method by the middleman or traveller. It is a trite saying that the press is by far the most effective instrument which the advertiser can utilise, and as a proof of its universality Mr. Stead gives the following statistics regarding the number of publications in the world:—

Country	Publications	Approximate Annual Circulation (in Millions)
United Kingdom	4,423	2,700
Canada	565	108
Australia	408	156
India	644	—
West Indies, &c.	66	—
United States	20,569	3,300
France	4,100	1,440
Germany	5,500	1,680
Austria	2,233	480
Italy	1,606	432
Spain and Portugal	1,203	168
Russia	667	144
Belgium	872	156
Holland	300	72
Scandinavia	250	108
Switzerland	450	72
Greece, &c.	100	12
Spanish America	1,170	168
Japan	470	—
Africa	200	—

These statistics are estimated, but they should not be far from the mark. Mr. Stead also estimates that not fewer

than 43 878 persons are dependent on advertising for daily support. This is much below the truth, however, as the figures are confined chiefly to the advertising departments of daily, weekly, and periodical papers published in London and the provinces, and do not include printers, nor hundreds of thousands of workpeople who are employed by great advertising firms, such as Cadbury's, Pears, and Vinolia. So that we might put down the number of people employed, directly and indirectly, in advertising in this country at not fewer than 100 000. In the second part of his book Mr. Stead deals with the practice of advertising, this being an interesting account of the organisation of Messrs. T. B. Browne & Co.'s business; and this is followed by an entertaining section, entitled "The Growth of Press-advertising." William Caxton was the pioneer of press-advertising. He printed the first advertisement, and from generation to generation since the art has been growing. In 1854 over 122,000,000 papers were printed in the United Kingdom, giving a proportion of 4 4 per head of population, against 1 2 a century earlier. Since 1854 the progress has been greater than in the century before. Within ten years the number of papers printed had more than quadrupled. By 1870, 700,000,000 copies were printed, and by 1893, 2,700,000,000 copies of papers were issued, making a total per head of population of 67 per year. These are approximate estimates, and will serve to show the enormous growth of the newspaper-press, especially since the publication of advertisements was freed from the oppressive stamp-duty. Once upon a time there was a tax of 3s. 6d. on each advertisement published. This aborted enterprise in a woeful manner, for in 1892 there was only one advertisement published for every twenty-six of the population; now there is at least one advertisement per inhabitant. No one who has the truth of the matter in him can fail to see that all this lavish publicity of the qualities of goods and individuals has been of immense benefit to the nation as a whole. Money is more quickly distributed and easier earned because there is more work to do in consequence of purchasing being stimulated by advertisement. The hoarding of money was the greatest evil of the pre-advertising age. People starved while money rotted in uselessness. Surely it is good to keep the coins clean and bright by constant circulation, buying for each individual what he wants, and leaving none of us the poorer, for as the money goes round it leaves some work for the wage-earner. In the production of this glow of beneficence the art of advertising has played a worthy part.

THE SALE OF PETROLEUM BY CHEMISTS.

The London County Council appears to be particularly active in enforcing the Petroleum Act, and we have been asked by one or two correspondents whether any new regulations have been recently made, as it appears the L.C.C. officials object to chemists not licensed under the Petroleum Act buying the 3 gals. or less of benzine, which the Act allows them to keep, in bulk, and bottling it themselves. The 7th section of the Act, which provides the exemption referred to, makes it a strict condition that this benzine shall be kept in separate glass, earthenware, or metal vessels, each of which contains not more than a pint, and is securely stoppered. The exemption applies in regard to both private use and sale. The Clerk of the L.C.C., in a letter to us dated June 14, says:—

Although the exemption only permits of the keeping of petroleum in glass vessels, the Council has not objected to chemists opening small bottles of benzine for compounding purposes. What the Council does object to, and what is distinctly contrary to law, is the practice which some

chemists have adopted of purchasing petroleum in bulk, and subsequently bottling it in smaller receptacles. This operation can only lawfully be done on premises which have been licensed, and the restriction is very necessary, as the practice involves danger, and should only be carried on in a safe place under proper conditions.

We presume that the permission to open smaller bottles of benzine "for compounding purposes" covers the right to sell small quantities from a pint stoppered-bottle, which is, we believe, a not unfrequent practice. We do not see that this infringes the permission to "keep" it any more than the opening of the bottle at home, and the use of the benzine for cleaning clothes, would do.

A BIRMINGHAM CURRICULUM.

The Council of the Midland Pharmaceutical Association have been in negotiation with the authorities of Mason College, with the view of arranging for a first-class pharmaceutical curriculum, which, if it can be established, will be a model for the whole country. Professor Hillhouse, of Mason College, has gone into the proposals, and is prepared to recommend to the Governors of the College a scheme which would provide a six to nine months' course of teaching suited for pharmaceutical students at a fee sufficiently low to place the classes within the reach of all such as were likely to attend. This would give a high-class scientific training. Among the professors whose lectures would be included in the curriculum would be Professor Percy Frankland, F.R.S., examiner in chemistry to the Pharmaceutical Society, Professor Hillhouse, M.A., F.L.S., and Professor Poynting, D.Sc., F.R.S. It is hinted, too, that the Senate of the new University of Birmingham may entertain the suggestion of granting degrees in pharmacy after examination in chemistry, botany, and materia medica, these to carry with them the title of Bachelor of Science. Such degrees would not, of course, under present conditions, be a legal qualification, but it cannot be doubted that if they could be provided a great step would be taken towards the advancement of the status of pharmacists. Apparently the one essential remaining for the success of the scheme is a supply of students. Whether the Birmingham district can supply sufficient to satisfy Mason College we cannot say; but it is likely that if the course should become established, students from other parts of the country would find their way to the Midland capital with the object of taking advantage of it. Chemists who are interested in the scheme should write to the Hon. Secretary of the Midland Pharmaceutical Association, Mr. G. H. Brunt, 323 Coventry Road, Birmingham.

THE RISKS OF EARLY-CLOSING ZEAL.

The Early-closing Association have had a sharp lesson in the High Court, which will show them that, however excellent and philanthropic their aims may be, it is not yet illegal or infamous conduct for tradesmen to refuse to fall in line with their schemes. It appears that the Association have been assisting the traders of the Seven Sisters Road to secure a Thursday half-holiday, but that one trader was not willing to make the concession. In the course of the contest between him and the Association several handbills were issued by the latter body and distributed on Thursday afternoons to passers-by outside the premises of the recalcitrant draper. These generally invited the public to assist the Early-closing Association in winning a real half-holiday for shop-assistants, and begging them to shop before 1 P.M. on Thursdays, and support the early-closing firms. The name of the offending firm was expressly mentioned, and one of the bills concluded with the sentence: "One look at the poor tired, over-worked girl inside will awaken your sympathy and persuade you to buy at the early-closing shops to-morrow." Another asked, "Which side will you take: the side of humanity or the side of selfishness? Empty shops

will convince the most obstinate that they cannot outrage public feeling with impunity." The draper against whom these remarks were directed stated that he made other arrangements with his employers, with which they were perfectly satisfied, and also gave his reasons for not falling in with the suggestions of the Association. He brought an action for libel against Mr. Corbett, M.P., Chairman of the Early-closing Association, and his colleagues. The case was heard on Tuesday last, and the jury found a verdict for the plaintiff for 150*l.*, and judgment was given for that amount, and costs.

MEDICAL CORDIAL WISHES.

Commenting on the action of the General Medical Council in regard to companies, the *British Medical Journal* is good enough to "cordially wish well to pharmacists in their endeavour to obtain an amendment of the law in this direction." At the same time the *B.M.J.*, with an assumption of dignity and authority to which it has no claim, rebukes "the attitude of the pharmaceutical press," upon which it says "strictures of some severity might easily have been passed" by the committee of the General Medical Council, and hopes that the forbearance of the committee in this respect will meet with due appreciation. The cordial wishes and the denunciation of the pharmaceutical press taken together are probably the nearest attempt the medical body can make towards an appeal to chemists not to oppose their clause.

CAMPHORATED-OIL COMPLICATIONS.

The druggists who were charged at the Birmingham Police Court last week with selling camphorated oil not of the nature, substance, and quality prescribed by the British Pharmacopœia did not contribute much to the glory of the profession of pharmacy by their explanations of the way the cheaper oil got into the compound. Circumstances seem to have entangled themselves around their honest intentions in a manner which would have done credit to a nightmare. Druggist number one had made his camphorated oil for medicinal purposes strictly according to the Pharmacopœia, but for the benefit of cyclists he made a burning camphorated oil, using camphor and colza oil for this purpose. As so often happens, however, in these cases, "the boy" upset things by filling the medicinal-oil can with the burning-oil. Hence the mistake and the 3*l.* fine. The next gentleman had only recently bought a new Pharmacopœia, and had hardly had time to master it. If the inspector had only asked for liniment of camphor, he would have got the right article. Another 3*l.* fine. The third defendant pleaded that his stock had got disarranged through the painters being in his place and consequently an old forgotten bottle had got in the place of the proper bottle. The Bench wisely made no attempt to differentiate, and the 3*l.* fine followed this explanation. The last man was a drysalter, and we are not quite clear what his defence was, but mainly it was "the boy" again, who had undertaken the manufacture of the camphorated oil by boiling camphor and petroleum in a saucepan in the back kitchen. This defendant gave details of his widowed sister also and of his mother's age, but it was not quite evident how these affected the case; and the Magistrates cut short the family history by the repetition of the monotonous sentence, 3*l.* and costs.

A Blast on the Blackburn Trumpet.

At a meeting of the East Lancs Chemists' Association at Blackburn on Tuesday evening, Conncillor Shorrocks presiding, the Hon. Secretary (Mr. R. Lord Gifford) read what purported to be a report of the committee on the

work of the year. It was somewhat more incoherent and abusive than usual. The committee said they had the "melancholy responsibility" of informing the Association that they had killed an editor. They had doubtless witnessed the painful death-throes with feelings of pity and compassion. Still, with his persistency as a false prophet and his fatal objection to *Truth* they had no choice. Alas, poor Yorick! The Association had long ago come to the conclusion that any policy of tinkering with pharmaceutical affairs must be futile, because no profession of pharmacy could be possible until the intrinsic value of the qualification was admitted. Making the pharmacy-law a reality by totally superseding the present inadequate "poisons regulation law" was the only solution of the pharmaceutical problem. They believed it was impossible to prevent pharmacy suffering even further degradation unless they obtained a footing upon the professional ladder. (Hear, hear.) They might tinker as they like, and the unqualified exploiters would simply alter their circumstances to suit the altered conditions. Thirty years ago the drug-trade was generally practised by the druggist; now it was practised by all indiscriminately. The carrying on of a drug-trade at a loss was the cheapest advertisement for dealers in general goods. (Laughter.) The legitimate man was handicapped by his professional *esprit de corps* in his battle with the unrestricted traders. They could not call them thieves, swindlers, and worse; but these audacious and unprincipled traders declared in plain English that all qualified practice of pharmacy was swindling. In these circumstances they claimed that they were entitled to go back to the State and claim that the exercise of the qualification should now be confined to the qualified. There was only one question to be settled: Was the chemist's qualification to continue a mockery, or was it to be a reality? There were some who argued in favour of "a working compromise." A working compromise, forsooth! This question was one of principle. They could not compromise on a principle. It must be either accepted or rejected. On matters of detail only could they compromise. The public was duped and swindled at every turn, and it was their duty to expose the lies and evil practices prevailing. They must have the professional footing. On that ground they opposed Mr. Glyn-Jones. They congratulated him on his victory; but could he serve two masters? The other great force against them was the parasitic press, the bulk of whose subscribers were unqualified men, and who had bought the brains of excellent pharmacists to educate their unqualified *clientèle*. Just as the irresponsible parasites on the body of the drug-trade are unrestricted by sense of shame, so its press was conducted without reference to codes of honour. Surely the absolute incapacity of finding an argument exhibited week by week by a section of this press, and the resort to pointless buffoonery, should open the eyes of qualified chemists as to who are on their side. They had with them all disinterested opinion and all professional thought, and against them nothing but a parasitic world and its press. Their manifest duty was to have a decisive settlement of the issue.

In discussing the report Mr. Joseph Hindle said that the Council's claim for a monopoly in the sale of medicinal substances was impractical. If they confined themselves to the question of title and the monopoly of poisonous and potent drugs the demand would have been more effective. (Hear, hear.) Mr. Gifford said this was what the Council had done. Mr. Lomax spoke in praise of the governing body. Mr. Holt read a number of suggestions approved by the committee to be sent to the Federation of Local Associations. The Vice-President (Mr. Shorrocks) and the Secretary were asked to attend the annual meeting at Plymouth, the hope being expressed that the Federation might be made a more effective organisation. Mr. W. Wells moved a resolution assuring the Council of the continued support of the Association in its efforts to establish a profession of pharmacy. Nothing short of pharmacy as a profession would satisfy them or the public, and they were glad to know they now had a Council that endorsed that view. Mr. Lomax seconded the resolution, which was carried.

QUEBRACHO-BARK is now admitted into Russia duty free.

Western Chemists' Association.

THE special meeting of this Association, held at the Westbourne Restaurant on June 14 "to consider the Companies Bill as it affects pharmacy," did not induce an overwhelming muster of members. The proceedings were announced to commence at 9 o'clock precisely, but it was 9.35 p.m. before the Chairman (Mr. J. F. Harrington) got up to address the eighteen members present. He began by reading Clauses 2 and 3 of the proposed Bill, and explained that the Pharmaceutical Council had decided to oppose Clause 2, and to try to get "chemists" inserted into Clause 3. In this he thought the Council were wise; it was the only course open to them. He knew it was the opinion of some of their members that the directors of drug-companies should all be compelled to become qualified chemists; others held that one director at least should be qualified; while others again thought that all chemists' businesses should be registered, with a qualified manager registered for each shop. He could not see that either of these suggestions would be of any benefit to the trade. For a qualified director or directors could have their names over any number of shops, and a registered business could still be carried on by means of a newly-qualified young Minor man, or a poor old chemist who had happened on hard times, who would be but nominally the managers of the business. He hoped they would decide to support the Council in their opposition to the Bill, and do all in their power to influence the members who represented them in Parliament in the same direction.

Members were rather chary of tackling the question at first, one after the other declining the invitation of the President "to say a few words," but at length the ice was broken by Mr. Taplin, who thought they should use their best endeavours to get Clause 2 withdrawn, and an amendment tacked on to Clause 3. He thought it a pity to postpone their opposition. It should be started at once, even before the Bill was brought to the House of Commons.

Mr. Parker said the position of pharmacists and pharmacy at the present time was an anomalous and difficult one. They were standing, as it were, between Scylla and Charybdis. With regard to the Lord Chancellor's Bill referring to titles, their obvious duty was to oppose it tooth and nail unless chemists were included in Clause 3. But the difficulty was in the alternative. Supposing pharmacists were included in that Bill, what would be the result? The legal outcome would be that all company-trading would be stopped, and if that took place a revolution would ensue. Something would have to be done to legalise the position of large companies who had traded honourably under various titles for twenty years or more. In what form could these businesses be legalised? He thought it would be much wiser if the Pharmaceutical Council formulated a definite line of action to deal with the pharmacy of the future before trying to bring about a crisis which it would be extremely difficult to avert. As long as a chemist's business was carried on under qualified managership he could see no logical argument against it from the point of view of the safety of the public. He was of opinion that future pharmacy would be much more benefited if pharmacists endeavoured to obtain an entire monopoly of the titles as separate from the trading. There was no logical reason why companies of untrained men should call themselves pharmacists, and as long as chemists did not try to prevent these people trading he thought they might justly claim that they should not use their titles unless obtained in a legal manner. At present companies can legally call themselves "chemists and druggists." Their aim should be to get that stopped without intruding on their trading powers. But chemists could not live on titles, and even if a monopoly of our titles were obtained companies might still trade as "drug-stores," "herbalists," &c., and compete with us the same as ever. Pharmacists must work to get something tangible, and that must be obtained only in the direction of the safety of the public. There must be no endeavour to obtain class legislation or a monopoly for chemists. On the question of the registration of shops he differed from their President, who, in the course of his remarks, omitted to mention the most important factor in the whole scheme—namely, the registration of a pharmacist who would be the

bona-fide manager. He would have every shop registered, and a registered manager for each shop, who would be responsible for selling poisons and compounding medicinal substances to be defined in detail. Any place open for these purposes, under whatever ownership, would be registered and have a registered manager, on whom he would heap as much responsibility as possible. He (the manager) would engage assistants, arrange the stock, and be absolutely responsible for everything. In such a case companies would be required to register each shop, and they would have considerable difficulty in finding men to undertake such responsibilities without being very well paid for it. He would like it to be understood, however, that the dispensing of medical men should not be interfered with. Chemists had no right to interfere in the business of a medical man with his own patients, and the doctor was justified in letting his groom dispense his medicines for him if he pleased. It would be all the better argument for the superiority of the chemist. But if a medical man kept an open shop, then he would come under the registration regulations, and would require either to have a qualified man to manage his business or give up his practice and attend to the business himself. Further, registration would touch chemists themselves who had one or more branches. No chemist would be responsible for more than one place. How could he? He (Mr. Parker) could adduce no logical argument to fight for qualified ownership. Why should one qualified chemist claim that he could have half-a-dozen shops? He could not be responsible for the whole of them, and there were many ways of dodging the law even among chemists themselves, by working with unqualified managers, which registration would put a stop to. Finally that system would do away with the extreme difficulty which at present exists in finding out and proving offenders under the Pharmacy Act. Under registration an official would merely require to note the place when opened. If not registered a penalty would be inflicted, and if not under registered managership, another penalty. In conclusion he thought it would be wise to throw overboard entirely the principle of qualified proprietorship and fight for qualified managership.

Mr. Parker's vigorous speech was followed by a lull. Members seemed staggered at the suggestions, and various "posers" were put to Mr. Parker about the working of the details of his scheme, to all of which he proved quite equal.

Mr. Bright said there was a good deal in the registration idea, but he thought the present was the time to knock out the Lord Chancellor's Bill. According to his ideas Parliament made a contract with chemists in 1858, when the Pharmacy Act was passed, to the effect that, provided they passed their examinations, certain privileges would be allowed them, and in his opinion it was a simple act of justice they sought for in the monopoly of their titles and trade. He thought they should first oppose the Bill and then regulate matters afterwards.

Mr. Cracknell admitted that there was much good in Mr. Parker's suggestions, but submitted that they were too much in the nature of a compromise. He would have no compromise but would stick out for their rights under the Pharmacy Act as it stood. There was considerable misunderstanding in the lay mind as to companies and dispensing. Companies did not want dispensing. The majority of them did not care though they did not make a halfpenny out of the drug section, so Mr. Parker's registration scheme would not affect them in the least. He suggested that a resolution be passed supporting the Pharmaceutical Council in its opposition to Clauses 2 and 3 of the Companies Bill.

The form which this resolution would take was the cause of considerable vexation of spirit. Mr. Hyne suggested that a resolution of confidence in the Council for their action in the matter should be passed, but this was strenuously opposed by Mr. Hick, who said that it would be much better to have definite instructions sent to the Council on the matter. He particularly wished that the inclusion of chemists in Clause 3 he referred to. It was explained to him that all the Council could do was to oppose the clauses as they stood, but Mr. Hick was not to be put down. They had already had experience of the way the Council made a mess of things, he said. The Council had been asked to send suggestions for a Pharmacy Bill to the Lord Chancellor, and they had submitted a draft Bill which nobody with any common sense ever expected would be passed, and by reason of that draft

they had made one who was friendly, if not an enemy, at least indifferent to their wishes.

Mr. Parker supported the inclusion of "chemists" in Clause 3, but thought there was no chance of getting it passed. If that were stuck out for they might depend upon it there would be an immediate deadlock. Let them consider the huge interests involved. The whole of company-pharmacy would rise up against it like a hydra-headed monster. Clearly the present footing could not last, and the policy proposed might be the right thing, but there was not the slightest hope of getting it. It would produce a crisis in pharmacy which they would have to be thoroughly prepared to face. He urged once again a definite line of action, and registration as a possible line.

Mr. Andrews was surprised that in all the meetings he had attended, and had read of in various parts of the country, such a vast majority of pharmacists failed to recognise that company-pharmacy was an established fact, and any attempt to stop it now was worse than useless. There were upwards of 400 members in the House of Commons who were either directors or shareholders in companies, so what could be expected from them on the subject? The only ground for legislation would be that of the public security and safety. He cordially supported Mr. Parker's registration idea, which he thought was a considerable step in the right direction. The Lord Chancellor at one time was, he thought, desirous of helping us, but the extremely unwise policy of the Council in submitting draft proposals asking far too much made a friend into an enemy.

After considerable debate and discussion the scruples of Mr. Hick in his distrust of the Pharmaceutical Council were so far overcome that it was unanimously agreed, on the motion of Mr. Cracknell, seconded by Mr. Hyne, to send to the Council the following resolution:—

That this meeting of the Western Chemists' Association pledges itself to support the Council of the Pharmaceutical Society in the action they are taking to oppose Clauses 2 and 3 of the Companies Bill, 1899.

New Companies & Company News.

ARTIFICIAL TEETH ASSOCIATION (LIMITED).—Capital 750*l.*, in 1*l.* shares. Objects: To manufacture and deal in artificial teeth, surgical appliances, &c. A. W. Wilson, of 140 Edge Lane, Liverpool, is sole managing director for life.

LOW MOOR CHEMICAL COMPANY (LIMITED).—Capital 1,000*l.*, in 1*l.* shares. Objects: To acquire the goodwill and trade-marks of the business of James and M. S. Sharp & Co. (Limited), and to carry on the same as a branch of the Bradford Dyers' Association (Limited), who are the controllers of the company.

WILLIAM WHITELEY (LIMITED).—Capital 900,100*l.*, in 1*l.* shares. Objects: To acquire the business of William Whiteley, universal provider, of Westbourne Grove and elsewhere, and to carry on (*inter alia*) the business of vendors of patent medicines and proprietary articles. Registered office, 39 Westbourne Grove, W.

NEW PATENT CANDLE COMPANY (LIMITED).—Capital 60,000*l.*, in 1*l.* shares. Objects: To acquire the business of a company of the same name and to manufacture and deal in candles, soap, oil, glycerin, paraffin-wax, and chemicals. The first directors are C. F. Tubbs, W. Angear, W. Snow, H. B. S. Woodhouse, and B. Butland.

J. A. SHARWOOD & Co. (LIMITED).—Capital 20,000*l.*, in 1*l.* shares. Objects: To acquire the business of "J. A. Sharwood & Co.," and to carry on the business of manufacturing grocers, grocers' and chemists' sundriesmen, &c. The first directors are J. A. Sharwood and G. H. Watkins. Registered office, Offley Works, Offley Road, Kennington, S.E.

COMPRESSED-GAS COMPANY SYNDICATE (LIMITED).—Capital 10,000*l.*, in 50*l.* shares. Objects: To acquire the assets of the "Compressed-gas Company (Limited)" (in compulsory liquidation), and to manufacture and deal with carbonic-acid gas, &c. The first directors are W. H. Liveridge, of Flintfield, Whyteleafe, Surrey; F. Goddard, of 68 Tottenham Court Road, W.; and T. J. Brinsmead, 7 Fellows

Road, N.W. Registered office, Phoenix Wharf, Church Road, Battersea.

TAYLOR'S DRUG-STORES (LIMITED).—Capital 5,000*l.*, in 1*l.* shares. Objects: To acquire and carry on the business carried on by "Taylor's Drug Company" (office, Guildford Street, Leeds) at 21-23 Thwaite's Arcade, Blackburn, Lancs. The first subscribers are:—W. B. Mason, St. Ann's Hill, Burley, Leeds, merchant; E. E. Judson, 55 Louis Street, Leeds, secretary; J. Mason, 42 Cowper Street, Leeds, manager; J. C. Glendenning, 49 Cardigan Road, Leeds, chemist; H. England, Adel, near Leeds, chemist; W. E. D. Mason, St. Ann's Hall, Burley, Leeds, chemist's assistant; and H. D. Mason, 33 Westcliffe Terrace, Harrogate, chemist's assistant. The first directors are W. E. D. Mason and H. D. Mason. Qualification, 50*l.* Registered office, 20 Thwaite's Arcade, Blackburn.

COOPER'S CHEMICAL-WORKS (LIMITED).—Capital 5,000*l.*, in 1*l.* shares. Objects: To acquire and carry on the business of a disinfectant and general chemical manufacturer carried on by C. R. Cooper at the Eagle Chemical-works, Latimer Road, W., as "Cooper Brothers." The first subscribers are:—C. R. Cooper, Eagle Chemical-works, Latimer Road, W., chemical manufacturer; Mrs. A. A. Cooper, 43 Wood Lane, Uxbridge Road, W.; H. Horner, 22 Thavies Inn, E.C., jeweller; G. Kent, 140 Wellesley Road, Chiswick, W., jeweller; F. H. Cooper, 22 Thavies Inn, E.C., jeweller; Mrs. F. Cooper, 12 Appach Road, S.W.; and Mrs. C. E. Cooper, 22 Thavies Inn, E.C. The first directors are C. R. Cooper and Mrs. A. A. Cooper. Registered office, Eagle Chemical-works, Latimer Road, W.

BOOTS (LIMITED) have declared a quarterly dividend at the rate of 6 per cent. per annum on preference shares and 12 per cent. on ordinary shares.

DISTILLERS' COMPANY (LIMITED).—The directors have recommended a final dividend of 12*s.* per share, less tax, payable on August 1, which, with the interim dividend of 8*s.*, makes the usual dividend for the year ended May 15 of 10 per cent. They also recommend that 50,000*l.* be added to the depreciation and reserve fund, and 14,326*l.* carried forward.

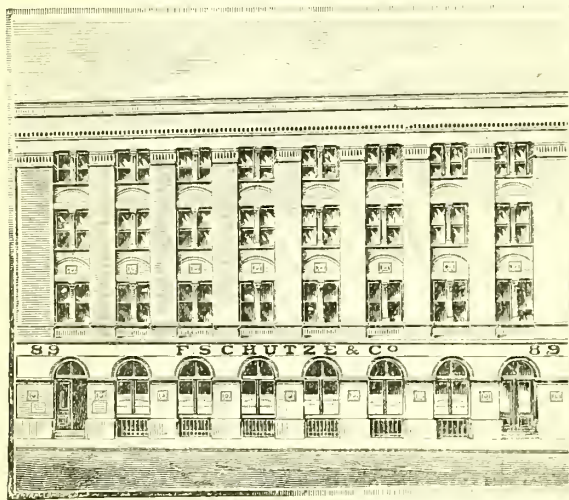
APOLLINARIS AND JOHANNIS.—The directors of Apollinaris and Johannis (Limited) have resolved to recommend the payment of a balance dividend on the ordinary shares at the rate of 6 per cent. per annum, making, with the interim dividend previously paid, a total distribution of 6 per cent. for the year ended March 31 last. They also propose to transfer 5,000*l.* to reserve fund.

A. S. WATSON & Co. (LIMITED).—The annual meeting of this company was held at Hong-Kong Dispensary on May 8. Mr. H. Humphreys, who presided, stated that the increased profits of the company were mainly due to augmented profits in Manila, Hong-Kong, and London. The destruction of the Hankow branch by fire had caused much loss. The business during the first four months of the current year showed an improvement over last year. The report was adopted without question.

EDWARD COOK & Co. (LIMITED).—At the first annual general meeting of this company, held at Winchester House on June 8, Mr. Henry J. Cook, who presided, stated that the volume of trade during the year had been fully maintained, and there had been a satisfactory increase in several of the branches. Export trade had been developed considerably. Referring to the keen competition in the soap-trade Mr. Cook said that the price obtained for glycerin during the year was considerably lower than in 1897, but during this year the price had recovered very largely. They hoped that if present prices were maintained the profits this year would continue to be satisfactory. The board, in the interests of the company, had considered it not advisable to print a profit and loss account, as the information thus obtainable might be used to their disadvantage by rival firms. The report was adopted, and payment of a 5-per-cent. dividend on the preference shares was agreed to. The ordinary shares are entirely held by the vendors—the original firm.

Across the River.

THE fire which burnt out Messrs. Schutze & Co., druggists' sundriesmen, &c., from their factory and warehouses in Aldersgate Street has not been altogether an unmixed misfortune, because the premises which they have since obtained at 80 Southwark Street, S.E., form one of the most imposing buildings in that important business thoroughfare. The house was formerly occupied by Sir Joseph Causton & Sons (Limited) as a printing-establishment, and comprises four floors and basement, giving a superficial space of 12,000 square feet. Every floor is admirably lighted, and the basement is cool and extends below the street in arches which are used for storing perfumes and the like. One of our staff had a walk over the premises the other day, and found them quite in order. The tour began with the showroom, where a good selection of samples is displayed in showcases; it extended through the private parlour and surgical-fitting room beyond it, past the general



offices and the receiving-floor, then down to the basement where much of the packing for despatch is done and most of the glass is kept. There we found a large and well-arranged stock. The upper floors were next attacked. The first floor is divided into sections longitudinally, and is conveniently arranged for doing work expeditiously. Here we noticed a workman engraving clinical thermometers with the name of a customer, while other workers were occupied in fitting celluloid lids to pomade-bottles. Messrs. Schutze do quite a big business in this line, both in the empty bottles and bottles filled with what customers desire. The second floor is chiefly occupied in manufacturing such articles as porous-rubber bandages, sponge-bags, braces, and other semi-surgical appliances of that nature. The whole of these are cut out from the piece, stitched, finished, and put on cards or boxed by competent hands. Here also we noticed the process of feeder-fitting, the manufacture of loofah socks and other hygienic socks from the raw material. Considering the cheapness at which the firm offer these goods we ventured a question as to whether it paid to manufacture them, but were assured by our guide that there is nothing done in that establishment which does not pay, although the profits are worked down to a fine point. Proceeding to the third floor we passed an apartment which is being fitted-up as a dining-room for the employes, and when we reached the floor found there wet and dry laboratories where tooth-powders, perfumes, pomades, hair-washes and other toilet-specialties are compounded. This is practically the manufacturing and packing floor reserved for counter-specialties, in which the firm appear to do a large business. A score of hands were employed in packing such things as fullers' earth, violet powder, and perfumes. One of the lines which specially attracted our attention was a tooth-powder which is sold at 3s. 6d. per dozen boxes, a toothbrush being given with each box. Vaseline is another heavy item in the

packing-department, none but Chesebrough's being used for packing. Here also we observed an ingenious machine for printing enamelled labels on bottles, the bottles being fed into the machine as if they were paper. Having satisfied us that everything is made and packed on the premises which can be so done, and that the stock is fresh, orderly, and comprehensive, our guide took us away back to the showroom to admire a little nigger baby whose eyes move from side to side in admiration of the buttermilk-soap balls which surround him. Here also Grant et Cie's specialties are displayed, including a caseful of the True Lily of Japan, a sweet perfume, delicately tinted, handsomely put up, and which is recommended by scores of Japanese ladies and gentlemen (in china-clay) who have been imported for that purpose especially. Nor could we resist liking the neatly fitted dressing-cases which Messrs. Schutze & Co. have recently added to their stock, and the new tooth-stick, which is a great advance upon the tooth-tablet. The illustration which accompanies this note shows the frontage of No 80 Southwark Street, S.E., and Messrs. Schutze tell us that they welcome visitors as heartily as they did the *C. & D.* representative, who bought little, and had many questions to ask.

Trade Notes.

At the meeting of the Holborn Guardians on June 14 tenders for the supply of leg-irons were read from Messrs. Maw, Son & Thompson, Messrs. Down Brothers, Messrs. W. H. Bailey & Son, and Messrs. Arnold, and to the last-named was the order given.

SUMMER PRINTING.—Messrs. J. Townsend & Son, Exeter and London, are issuing samples of their printing suitable for summer specialties, which include saline-wrappers, lemonade-powder envelopes, lemonade-crystals cases, fly-papers, numerical syphon-books, and other necessities for the season.

PHOTOGRAPHIC PRICE LIST.—We have received a copy of Messrs. Marlow Brothers' new price list. The firm, whose address is at 28 and 30 Constitution Hill, Birmingham, are makers of several good lines in cameras, and wholesale dealers in photographic apparatus and materials. Only retail prices are given in the list, a discount scale being supplied separately.

THE LATEST SOLOIDS which we have received from Messrs. Burroughs, Wellcome & Co. are for making lead lotions. One is a plain lead subacetate soloid, each representing 5 cz liq. plumbi subacet. dil. and the other is for making lotio plumbi c. opio, 1 soloid to 1 oz. water, and each contains plumbi acetat. gr. ij. and tr. opii mxx. The dissolved constituents of the tincture are used in the soloids. There is no question as to the utility of these new preparations.

MESSRS. BURGEOYNE, BURRIDGES & Co., Coleman Street, E.C., have issued a pamphlet regarding the properties and uses of xeroform (Von Heyden), the non-poisonous substitute for iodoform. The pamphlet is a translation from the German, and gives results from experience with the drug in surgery, venereal complaints, skin-diseases, and in the treatment of intestinal disorders. Chemists and druggists who like to keep up to date regarding new remedies should write for a copy of the pamphlet.

CONCENTRATED FIXER—Mr. J. E. Lockyer, 67 Evelyn Street, Deptford, S.E., is putting up in 1 lb. packets his Concentrated Fixer, which sell at 1s. It has several advantages over ordinary "hypo," it takes up less bulk, dissolves readily—especially we find if crushed before mixing with the water—and takes a shorter time to wash out of the film. This last property we have not tested, but as the preparation is acid it is easy to understand that its removal is much facilitated. The "Double Diamond Camera" is selling freely this year, in fact so energetic has the demand been that they are sold as fast as they can be turned out from the works. We ought also to mention a neat show-card, silver blocked on dark green, for dealers' use. There is a nice photograph in the middle of it, and the rest of the card is not entirely filled up with Lockyer's advertisement as might perhaps be assumed, but has on it wording suited for any photographic chemist.

THE principals of the West of Scotland College of Pharmacy, 157 St. Vincent Street, Glasgow, have issued a new prospectus. Although one of the principals, Mr. Thomas Maben, F.C.S., has recently resigned his position on the Board of Examiners for Scotland, we observe that the prospectus contains no reference to the fact. In the introduction it is mentioned that "the primary object of the College is to deal with the basis on which the art of pharmacy is reared, and at the same time to familiarise the student with the various operations that will of necessity be constantly met with by him in the daily exercise of his calling." The session commences at the College on August 1, when a course for students who intend to go in for the October examinations will be given; the regular course begins on October 3. The principals recommend Minor students to take a six months' course of instruction. As an extra there will be a class in urine-analysis, consisting of lectures, demonstrations, and practical work. This is to be given in view of the vast strides made in recent years in our knowledge of the pathology of urine and its importance to physicians and pharmacists. Students who take the six months' course of instruction for the Minor examination receive instruction in urine-analysis free; for others, it costs a guinea, the fee including the use of apparatus. We think this extra is a good feature, especially as it simply amounts, in a large measure, to an application of knowledge that the student acquires while reading for the Minor.

Personalities.

MR. ALFRED ROE, chemist, Geneva, gained prize and diploma in the "Swiss Chess Tournament," held at Lausanne on June 3 and 4. There were forty-two competitors.

THE Royal Society has elected five new foreign members, amongst them Professor Emil Fischer, Berlin, and Dr. Treub, Director of the Botanical Gardens, Buitenzorg.

MR. JOHN C. WILLIS, director of the Royal Botanic Gardens, Peridniya, Ceylon, is spending the summer at Kew, where an unusual number of colonial botanists are now at work.

MR. GEORGE ARNOLD, of Clarence Street, Sydney, who is the Australian representative of several firms connected with the drug trade, is at present in London, and letters may be addressed to him at this office.

IN last week's issue we referred to Mr. S. W. Welch as having acquired the business of Hopwood & Co., Jewry Street, E.C. Mr. Welch has since informed us that his Christian names are Samuel Charles.

MR. J. G. NAGELVOORT, the author of the English translation of Flüchiger's "Reactions," who for many years was on Messrs. Parke, Davis & Co.'s scientific staff at Detroit, and later was Professor of Applied Chemistry at the Northwestern University (School of Pharmacy), Chicago, is now an assistant in the Pharmaceutisch-Laboratorium der Rijks-Universiteit, Leyden.

MR. OTTO FUEBST, of Hamburg, who is a continental agent for a number of British and foreign proprietary medicines and druggists' sundries, asks us to intimate that he will be in London from the 17th to 27th inst. His headquarters while in London will be the Manchester Hotel, Aldersgate Street, E.C., where he will be glad to see anyone desirous of obtaining information about German trade or the introduction of British manufactured specialities on the Continent.

Business Changes.

MR. DOUGALL, for several years chemist at Millom and Arkan Ironworks, has started business as a chemist at Workington.

MR. RICHARD DANIEL, patent-medicine vendor, has removed from 5 Albert Street to more convenient premises at Babington Lane, Derby.

MESSRS. KINSLER & WHEELER, produce agents and merchants, have removed from 8 St. Mary-at-Hill, E.C., to more commodious and suitable premises at 9 Great Tower Street, E.C.

MR. W. M. HAREOLD, chemist and druggist, lately with Mr. J. W. Nicholl, pharmaceutical chemist, Belfast, has started business on his own account in High Street, Forres, N.B.

MESSRS. B. WATERHOUSE (LIMITED), chemists, Sheffield, have purchased the pharmacy at 90 Broomhall Street, Sheffield, lately carried on by Mr. W. Alcock, who has retired from business.

MR. C. M. HOLMES, chemist, Clapton, N.E., and West Green, N., has purchased the business at Markhouse Road, Walthamstow, lately carried on by Mr. R. C. Spurin, who has removed to Wood Green, N.

Marriages.

ATTFIELD—HERKOMER.—On June 14, at the parish church, Bushey, Herts, by the Rev. G. Montague Hall, assisted by the Rev. James Herbert Harvey, M.A., cousin of the bridegroom, Donald Harvey Attfield, M.A., M.B., son of John Attfield, F.R.S., of Watford, Herts, to Elsa Anna Iola Herkomer, elder daughter of Hubert Herkomer, R.A., of Bushey, Herts.

BENNETT—LUCKOCK.—At St. Michael's, Workington, on June 6, Frederick Birtwell Bennett, chemist and druggist, Whitehaven and Cleator Moor, to Jane Luckock, Workington.

CREPIN—BEALE.—On June 14, at Abney Church, Stoke Newington, Frederick Crepin, representative of J. L. Lyon & Co., 75 Mark Lane, E.C., to Florence Mary, only daughter of James Beale, many years representative of Messrs. Barron, Harveys & Co., Giltspur Street, E.C.

PAVEY—BLIGH.—On June 1, at Bexley Heath, Henry John Pavey, chemist and druggist, Ramsgate, to Lisy, widow of the late Edwin Wallace Bligh, of Ramsgate.

PINDER—RATCLIFFE.—On June 3, at Reading, by the Rev. T. Ratcliffe (father of the bride), assisted by the Rev. W. Briscoe, Robert Pinder, pharmaceutical chemist, Liverpool, to Ellen Florence, eldest daughter of the Rev. T. Ratcliffe, Reading.

PRESTON—FIGGIS.—On June 10, at Hampstead Presbyterian Church, by the Rev. J. Munro Gibson, D.D., and the Rev. J. B. Figgis, M.A., of Brighton, Charles Sansome Preston, son of Mr. T. Sansome Preston, of Montague Grove, Hampstead, to Dorothea Lloyd, fourth daughter of Mr. Samuel Figgis, of Wildewoods, Hampstead Heath.

Deaths.

ELLIOTT.—Dr. Elliott, of Messrs. Elliott Brothers, wholesale druggists, Sydney, N.S.W., died at Norwood on Thursday morning, June 15. Aged 78 years.

TAIT.—Mr. Robert Lawson Tait, the well-known Birmingham gynecologist, died suddenly at his seaside residence, Llandudno, on Tuesday. His health had not been satisfactory of late, and on Monday he became seriously ill. Two specialists arrived from London on Tuesday, when he appeared to be somewhat better, but later in the day he became much worse and expired suddenly. Mr. Tait was a native of Edinburgh, and he was educated at the University there, but did not graduate, taking instead of the medical degree the L.R.C.P. & S. Ed. in 1866, and afterwards the English surgical diploma, becoming F.R.C.S. in 1871. The influence of the late Sir J. Y. Simpson early threw him into the study of gynecology, and he became the high priest of ovariotomy, and one of the ablest opponents of vivisection. He was a man of great activity, a keen controversialist, and was one of Mr. Chamberlain's best supporters in the improvement of Birmingham. He was in his 55th year.

Colonial and Foreign News.

PHARMACISTS IN POLAND AND FINLAND are now compelled to subscribe to the Pharmaceutical Pension Institute in Moscow, and pay up the premiums in arrear. These amount to 100,000 roubles for the Polish pharmacists alone.

HELPING SCIENCE.—Among the scientific institutions receiving appropriations of money from the United States during May were the Philadelphia Commercial Museum, which received \$25,000, and the Wagner Free Institute of Science, \$2 000.

"VICHY" NOT A TRADE-NAME IN NEW YORK.—The United States Circuit Court for the Southern District of New York, has, in the case of *La Republique Francaise et al. v. Louisa Schultz*, ruled that the name "Vichy" is not a trade-mark, but a geographical name.

AN AMERICAN HOMŒOPATHIC PHARMACEUTICAL ASSOCIATION has been formed. It comprises manufacturers of homœopathic medicines only. Dr. J. W. Clapp (Boston) is the President, Dr. F. A. Boericke (Philadelphia) Vice-President, and Mr. William G. Jennings (Chicago) Secretary and Treasurer.

THE CHEWING-GUM POOL, which has been spoken about in the United States for some time, was incorporated at Trenton, on June 2, with a capital of \$9,000,000, and Messrs. Samuel B. Lawrence, John B. Summerfield, Henry C. Everdell, and Armitage Matthews, of New York, and James C. Young, of Jersey City, as the incorporators.

THE IONONE PATENTS.—Messrs. Haarman & Reimer, the owners of the United States ionone patents, have instituted an action in New York against George Lueders, Ferdinand Weber and Henry J. Heister, partners in the firm of George Lueders & Co., for selling an artificial violet which is alleged to be an infringement of the patent, and seek a permanent injunction to restrain them.

MANIA FOR BOTTLES.—On May 3 a Chinese servant who had been employed at the Singapore dispensary for thirty-eight years was seen leaving the shop, by a detective, with a basket which, on examination, was found to contain a roll of lint, 61 dispensing-bottles, and 22 lemonade-bottles. He duly made the acquaintance of the Magistrate, and was fined \$25 or fourteen days' imprisonment.

CARELESS PRESCRIBING AND DISPENSING.—The *Lancet* correspondent in Rome reports that an Italian physician prescribed phosphorised cod-liver oil for three children, but, instead of writing a prescription, gave oral instructions to the pharmacist, who duly dispensed the oil. The three children took the oil for four days—a teaspoonful per day—and died of phosphorus-poisoning. The physician and pharmacist were prosecuted, and after a three days' trial the former was sentenced to imprisonment for two and a half months, and fined 83f., and the pharmacist to five months' imprisonment and a fine of 750f., with costs in both cases. It is remarkable that the greater responsibility should have attached to the pharmacist, but we presume that the evidence against him was very strong.

EXAMINATION-ANSWERS.—Dr. G. C. Dickman, one of the examiners for the New York City Board of Pharmacy, read a paper on the above subject at a recent meeting of the New York Deutscher Apotheker Verein. One of the most amusing answers was given in reply to the question:—"Name six solvents employed in the manufacture of pharmacopœial preparations?" The answer was gravely written thus: "Parke, Davis & Co., Schieffelin & Co., McKesson & Robbins, Klein & Co., Eimer & Amend, and Lehn & Fink." Pure silver is obtained according to another candidate by mixing quicksilver with lime and fusing it, when "the quick goes over to the lime and forms quicklime, and the pure silver is left behind." How pepsin is obtained was laboriously explained by a candidate as "from the inside of a hog's bowels, by tying the hog's mouth shut, and holding some appetising food in front of it, when the pepsin will ooze out."

Westminster Wisdom.

THE UNQUALIFIED DISPENSER.

In the House of Commons on Monday, June 12, Major Rasch asked the Vice-President of the Council whether any provision had been made by which accidents resulting from mistakes made by unqualified dispensers in doctors' surgeries were brought to the notice of the Privy Council; and, if so, whose duty it was to report such cases, and was the Government in a position to state the number of such cases which had occurred during the past two years.

Sir John Gorst: The answer to this is in the negative. The General Medical Council are reported to have appointed a committee to consider the representations addressed to them by the Privy Council on the subject.

A RIVAL COMPANIES' BILL.

The Companies Acts Amendment Bill, introduced into the House of Commons by Mr. Faithful Begg in the early part of February, has only just been printed. It would appear that its sponsors had been waiting to see what the Select Committee of the House of Lords had to propose. Mr. Begg's Bill, which is also endorsed by Sir John Lubbock, Mr. Gordon, Mr. Hedderwick, and Mr. Marks, runs to some extent on the same lines as the Government Bill, but contains several different provisions. Both Bills agree in providing that unless a minimum amount of subscription is named in the prospectus of any company whose shares are offered to the public, allotment shall not be valid unless the total amount of capital quoted is duly subscribed. Mr. Begg's Bill deals with underwriting, contracts, prospectuses, and mortgages generally in a less stringent manner than the Earl of Dudley's Bill. There are no pharmacy or medical profession clauses in Mr. Begg's Bill.

THE PETROLEUM BILL.

The Home Secretary has declined to state when the Government Petroleum Bill will be introduced, and it seems very likely that the measure will be postponed altogether this session. The private Bill was defeated by the votes of members influenced by the assurance of the Government that it was intended to introduce a comprehensive Bill; so that this delay is something more than inconvenient.

THE FOOD AND DRUGS BILL.

Notices have been given by Mr. Strachey and Sir John Leng that when the consideration of the Sale of Food and Drugs Bill comes on in the House of Commons they will move, the former that it does not sufficiently guard the interests of the producer and consumer, and the latter that it violates the principles of free trade in the mistaken interest of a class of producers whom it will not benefit, and for this and other reasons should not be proceeded with.

THE ANNUAL REPORT of the P.A.T.A., to be presented to the annual meeting next week, deals largely with the proposed Defence Fund. The total income of the Association for the year seems to have been about 1,260l., of which 708l. was from retail subscriptions, 105l. from wholesale, and 383l. from manufacturers' subscriptions.

In our recently re-arranged offices we have made provision of a floor with desks, works of reference, and a file of THE CHEMIST AND DRUGGIST for the convenience of subscribers to this journal, especially for those resident abroad or in the provinces when they may be visiting London on business.

Catalogues and price-lists issued by houses connected with the drug-trade are kept on file, and may be consulted; and we also suggest that this provision may be useful to employers who may wish for a central place to meet assistants whom they wish to see before engaging. We have also a room capable of accommodating twenty or thirty persons, which we shall be glad to lend free for suitable trade-meetings; but we shall be obliged if subscribers who wish to avail themselves of the latter offer will advise the Publisher in advance. The Catalogues can be consulted any day from 10 A.M. to 4 P.M., and on Saturdays up till 12.30.

Correspondence.

In writing letters for publication correspondents should adopt a concise, but not abbreviated, style. They are requested to write on one side of the paper only. Letters, with or without a nom-de-plume, must be authenticated by the name and address of the writer. Queries should be written on separate pieces of paper, and the regulations printed under the sections to which they apply should be strictly observed.

The Metric System.

SIR,—I appreciate "Thebes's" remarks in your issue of April 29 on the use of the metric system. I also say let people go abroad (that is, English people) to see the metric system in actual use; they would then be more likely to be convinced of their folly in still fostering difficult and almost obsolete systems of weights and measures in preference to a system which has become universal, and of such simplicity that a child understands it as easy as A B C. Not only that, I wonder their eyes have not been opened to the loss they suffer commercially through orders which might be placed with them being placed with Germans, French, or Americans, because the purchaser gets a quotation price per kilo. Well, he knows what a kilo. is, and knows what he is going to get. Yours most respectfully,

Recife, Pernambuco.

ENTERPRISING. (27/60.)

[We all realise the probability that our system of weights, measures, and currency are a bar to trade in countries where the metric system is adopted. But cannot some of our correspondents give us the particulars of orders actually lost to British traders for this reason? Our Consuls write on this subject freely, but very rarely give specific instances.—ED. C. & D.]

The Pharmacists' Assistants' Association of Ireland.

SIR,—As I have the honour of having been one of those who proposed and founded the Pharmacists' Assistants' Association (Ireland), I consider it to be my duty to protest against the resolution passed by the Council of the Pharmaceutical Society at their recent meeting with regard to the trifling offence (if offence it may be styled) on the part of the Association in inappropriately announcing the annual dance (1899).

I hope the members of the Assistants' Association will not allow the action of the Pharmaceutical Council (in "evicting" them from their rooms) to interfere with their progress; and I shall be pleased to give a subscription, if necessary, to enable them to arrange for premises elsewhere. I have no doubt the majority of the members would readily subscribe if called upon, and thus place their organisation on an independent basis. Yours truly,

HENRY CORBETT MEYRICK, L.P.S.I.

17 Temple Street (North), Dublin, June 3.

Doctors' Surgery-dispensing.

SIR,—A few weeks ago I dispensed the following prescription for a lady:—

Calcii chlorid.	...	...	...	3ij.
Tr. nuc. vomie.	...	...	...	3j.
Aq. ad...	...	...	...	3vj.

3ss. ex aq. ter in die inter cibos sumend.

I used chloride of calcium (CaCl_2), and sent out a clear mixture. On Thursday a lady brought the prescription and a bottle with a sediment, and asked if the medicine had been made up properly. On inquiry I found that the lady had shown the prescription to her medical man, and he had taken it to his surgery, where an unqualified man dispenses (is this trade or profession?). On examination of the contents of bottle I found that calx chlorinata had been used for chloride of calcium. As the lady had taken a dose, and was very sick and ill, I thought it my duty to telephone through to the surgery, and it was admitted that chloride of lime had been used, and in the conversation the person speaking to me did not seem to know that chloride of

calcium was anything different to chloride of lime (calx chlorinata). I leave your readers, also the Privy Council, the General Medical Council, members of Parliament, and the Pharmaceutical Society to judge the seriousness of allowing ignorant and unqualified persons to dispense medicines for the public. Yours, &c.,

M.P.S. (33/72.)

Not Connected.

SIR,—We note in your issue of June 10, Trade Notes column, you publish some remarks made by Messrs. Lorimer & Co in their new price-list.

We think Messrs. Lorimer & Co. might have left our name out, as we are quite unaware that there is an impression in the trade that we are in any way connected with their firm.

We also take this opportunity to state that the only persons in any way interested in the business of Bishop's Pure Drug Company are Edward James Bishop and Robert Vincent, both fully qualified chemists and druggists.

Trusting you will give this letter a prominent position in your next issue, We are, dear Sir,

Yours faithfully,

BISHOP & VINCENT

(Trading as Bishop's Pure Drug Company).

460 Holloway Road, London, N., June 14.

Dispensing Notes.

This section is intended for the elucidation of dispensing difficulties. Subscribers and their employes may contribute to it, criticising any of the following notes or contributing notes on prescriptions which they have found to be of unusual interest.

Mixture Queries.

SIR,—In the following prescription:—

Syr. ferri iodid.	...	...	...	5vj.
Aq. ad...	...	...	...	3vj.

M. Ft. mist.

I made the syrup with liquor ferri iodid., which was a very dark colour, but when made into syrup and diluted with the water, after a while became quite clear, but afterwards milky, and remained so. Can you inform me what action took place? Also what is the reason why the following mixture should be of a dark colour, and the sodii bicarb. thrown down in a spongy state when dispensed with the B.P. 1898 tr. nucis vom.? But when dispensed with B.P. 1885 tr. nucis vom. it is of a much lighter colour, and the soda remains dissolved:—

Sodii bicarb.	...	...	...	5ij.
Tr. nucis vom.	...	...	...	5ij.
Spt. amm. arom.	...	...	...	5iv.
Liq. arsenicalis	...	...	...	m40
Aq. ad...	...	...	...	3vj.

M. Ft. mist.

Yours truly,

C. T. S. (1/68.)

Lanoline Lotion.

SIR,—Please say how the subjoined should be dispensed so as to form a presentable application:—

Sulph. sublim.	...	...	...	3ss.
Lanolini	...	...	...	3ss.
Mist. amygd. amaræ	...	...	...	5vj.

To be painted on every night,

Yours truly,

MONTPELIER. (23/57.)

[The best way to make this is to mix the lanoline in a hot mortar with 2 dr. of pulv. saponis dur., then to emulsify by the addition of 4 oz. of the almond mixture, previously warmed slightly. Mix the sublimed sulphur with the rest of the almond mixture, and add it to the contents of the mortar gradually. This makes a good emulsion. We have tried other methods, but none come up to the one described.]

A Miniature Prescription.

A subscriber in China (27/39) sends us a prescription which he dispensed in April. It was for bismuth-and-soda

powders, and there was nothing remarkable about it except that the doctor appeared to be hard up for paper when he was prescribing, and used a piece of cigarette-paper. Is that common nowadays?

A Bad Lotion.

SIR,—I will feel obliged for information regarding the best way of emulsifying the following prescription:—

	Parts
Ol. cadini	4
Liq. plumb. subacet.	3
Tragacanth.	3
Glycerin.	5
Aqua	97

To be thoroughly emulsified.

INQUIRE. (22/19)

[The tragacanth and lead are incompatible, and thus prevent a satisfactory lotion being made. Without the former, and the addition of 1 oz. of tincture of quillaia, a lotion can be made which, however, separates very much. We have tried many ways, but have not been successful. Soft-soap is an admirable vehicle for oil of cade; but in this case it forms an oleate with the lead. We shall be glad to have the opinions of other dispensers on this prescription. Of course, the use of tincture of quillaia for emulsifying in this case is not permissible, as the saporin in it would be sure to act physiologically upon the skin.]

Miscellaneous Inquiries.

We reply to subscribers and their employés only upon subjects of interest to other readers generally. When more than one query is sent write each on a separate piece of paper. When a sample accompanies a query full particulars regarding the origin and use of the sample must be given, and it must be distinctly labelled. Queries are not replied to by post, and those sent anonymously are disregarded.

19/6. *F. J. N.*—(1) The Greenhouse fumigant is a solution of nicotine in an alcoholic solution of soap and camphor. There is a method of making it given in "Pharmaceutical Formulas," page 336. (2) You can suspend oil in water by means of an emulsifying-agent, with which method you are probably conversant.

18/38. *Maggots.*—We would not advise you to increase the quantity of corrosive sublimate in the maggot cure ("Veterinary Counter-practice," page 286) as you may cause injury to the sheep. Previous correspondents have assured us that the application is a successful one. In the case you mention it may not have been properly used.

17/57. *T. F. W.*—You can test for the presence of mineral oil in colza oil by the same method as is used in the Pharmacopœia for testing for mineral wax in beeswax.

22/21. *W. W. (Beuel).*—Nicotine is used in comparatively large quantities in the manufacture of horticultural insecticides which are sold in this country by chemists and seedsmen.

22/52. *T. G. M.*—The sample of Tooth-powder has a composition like the following:—

Precipitated chalk	3iv.
Powdered myrrh	3j.
Powdered orris	3j.
Powdered cuttlefish-bone	3ss.
Carmine	gr. iij.

Mix.

17/68. *Cachets.*—(1) The charge for cachets to medical men is usually the same as for powders—from 6d. to 1s. a dozen. (2) The Pharmacopœia method of Making Sodium Nitrite is the one we used for many years. It is a very simple process: the lead is melted in a ladle, and nitrate of soda dropped in; or you can fuse together granulated lead and nitrate of soda.

22/42. *W. H. H.*—Analysis fails to reveal the constituents of the "excellent hair-producer." Its chief physical characteristic is rose-water.

22/43. *R. E. J.*—The Liniment for Bronchitis and Asthma, "which gives very good results," consists of

Liq. belladonnæ	3i.
Liq. camph. co.	5ij.
Ol. terebinth.	5j.

Mix. Shake the bottle before use.

14/37. *Anaconda (Genoa).*—The substance you send, which is added to burning-oils for the purpose of increasing their luminosity when burnt, is naphthalene. There is no camphor mixed with it.

23/21. *Local.*—White Hard Spirit-varnish:—

Bleached shellac	4 lbs.
Venice turpentine	2 lbs.
Sandarac	4 lbs.
Spirit	2 gals.

Bleached shellac becomes insoluble on keeping, so that it should be as fresh as possible. Care must also be taken that it is quite dry, as water in the interstices prevents ready solution.

22/18. *Basil.*—Silicate-of-soda solution is not of much use as a cement, on account of its hygroscopic nature. This property limits its utility.

21/1. *J. C. B.*—(1) The powder for preventing trembling in sheep consists of salt 1 part, Epsom salts 3 parts, Armenian bole $\frac{1}{2}$ part. Each sheep receives a dose of two tablespoonfuls. (2) Packets of malt and hops for making home-brewed beer, and which sell for 6d., may contain:—

Powdered malt	$\frac{1}{2}$ lb.
Powdered hops	1 oz.

The directions should be as follows:—

Place the ingredients in a strong coarse muslin bag, pour over them 3 gals. of boiling water, and allow to stand for two hours. Then boil all together for another two hours, adding hot water from time to time to replace that lost by boiling; strain, and pour sufficient water upon the hops, &c., to make 3 gals. In this dissolve 3 lbs. of moist sugar, and, when cold, add two tablespoonfuls of fresh brewers' barm, and allow to work for twelve hours; skim, and bottle. Keep well corked in a cool place. Two or 3 oz. of bruised ginger may be added to the above ingredients if desired.

(3) For making home-brewed stout high-dried malt is used.

17/31. *Type-ink.*—We are not familiar with the ink you mention, but in "Pharmaceutical Formulas" you will probably find a recipe for a product to match it.

22/69. *J. F. D.*—(1) You cannot do better than use the Pharmacopœia process for making ext. ciuchonæ liq. For dispensary-purposes you could omit the final concentrating. (2) Salt (alone or with boric acid or rectified spirit) is the preservative used in essence of rennet. A selection of recipes is given in "Pharmaceutical Formulas," page 288.

20/26. *Gentian.*—The following is as near as we can get to your samples:—

Fowl-powder.

Ferri sulph.	3j.
Pulv. anisi	3j.
Pulv. gentianæ	3j.
Pulv. lini	3v.

M.

The Roup-powder is very similar, but contains more iron and a little fenugreek.

27/12. *Boro.*—Sticky Fly-papers.—The linseed oil used for fly-paper composition is boiled until it is gelatinous. The following is a much-used formula:—

Boiled linseed oil	8 parts
Resin	2 "
Castor oil	1 "
Neatsfoot oil	1 "

Melt together.

22/5. *W. J. L.*—**Straw-hat Varnishes** have as a basis—

Orange shellac	...	...	...	7 lbs.
Sandarac	...	...	...	2 "
Resin	...	...	...	$\frac{1}{2}$ "
Copal spirit-varnish	...	...	...	1 pint
Spirit	...	...	...	1 gal.

In this aniline dyes of the colours required are dissolved.

19/66. *D. & H.*—**First Botany Book**.—Scott's "Introduction to Structural Botany," vols i. and ii., 3s. 6d. each (Black).

20/57. *Radix.*—Cakes which are kept for a year or so require a little boric acid added, to preserve them, so that, perhaps, your customer is blaming the cream-of-tartar substitute unjustly. The acid phosphate of calcium is less likely to change than acid sulphate of potash.

24/12. *Emat*.—The sample of **Water-softener** is carbonate of soda scented with a little ionene. Carbonate of soda in silky crystalline form is an article of commerce.

13/43. *Devon.*—**Cheap Baking powder** :—

Acid sulphate of potash	...	...	3 lbs.
Bicarbonate of soda	...	...	4 "
Flour	...	...	8 "

Mix.

5/6. *Rad. Rhei.*—If the lead-and-sulphur hair-restorer does not restore the grey hair, a hair-dye will be necessary. Past volumes of the *C. & D.* will yield many recipes, as will also "Pharmaceutical Formulas."

24/70. *Socius.*—It is true that Mr. Tripler is reported to have produced 10 gals. of liquid air from a compressor driven by 3 gals. of the same. There is, however, no evidence to show that he has done it, and you will remember Professor Dewar's caution as to accepting such statements (*C. & D.*, May 6, page 737).

27/71. *H. H.*—There is nothing better than ext. glycyrrh. liq. for disguising the taste of mag. sulph. in a mixture; but at best it only improves it.

27/67. *J. B.*—Mercury will not amalgamate with iron as it does with copper, but can be deposited electrolytically.

24/55. *M. M. C.*—Epsom salts is exsiccated in drying-closets, of which several kinds are pictured in THE CHEMIST'S AND DRUGGIST'S DIARY, 1898, page 264.

23/65. *Saygull*—(1) "Diseases and Remedies" is the most concise work on the subject we know of. (2) Either Terry's "Pigments, Paint, and Painting" (Spon) or Hurst's "Painters' Colours, Oils, and Varnishes" would be useful to you. (3) Infusions to each ounce of which a drop of chloroform has been added will keep a long time, but will need to be kept from contact with the air.

23/39. *Quinine.*—**Paraffin-pomade**.—It is difficult to disguise the smell of paraffin oil in a pomade. The best way is to purify the oil as much as you can by shaking with an acid aqueous solution of permanganate of potash, and then adding a little citronella.

14/30. *Essence*—**Ginger-ale Syrup** :—

Tartaric acid	...	...	...	2 oz.
Caramel	...	...	...	6 dr.
Liquid extract of quillaia	4 "
Water	8 oz.

Mix, filter, and add to—

Simple syrup	7½ pints
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Then add the following essence :—

Soluble essence of ginger	2 oz.
Tincture of capsicum	1½ dr.
Essence of vanilla	...	...	1 "
Oil of cinnamon	...	...	3 drops

24/51. *Glance.*—We have had no experience in removing verdigris from the interior of cornets by chemical means, but should be inclined to try a diluted sulphuric acid, and follow it with plenty of clean water.

22/67. *Crinis.*—A stimulating Hair-lotion is what your customer requires as a colour-restorer. The lead-and-sulphur restorers should not be used on the hair of young people. Try the effect of the following :—

Liq. ammoniac	...	...	...	3iv.
Tr. canthar.	...	...	...	3vj.
Ol. amygd.	...	...	...	3iv.
Aq. lavand.	...	...	...	5j.
Aq. dest. ad	...	...	...	3vj.

M.

23/13. *Dido*—**Brown-boot Polish**.—See *C. & D.*, Decem-ber 24, 1898, page 1027. The white polish is made by using a bleached wax.

27/60. *Enterprising* (Pernambuco).—The importation of Bahia ipecacuanha into London is spasmodic, and is represented by the wholesale druggists. Some was recently sold on this market at 6d. per lb. for exportation to the Continent—it is not known for what purpose, but it is conjectured that it will go to the drug-mills along with a due proportion of genuine ipecacuanha. We certainly do not advise you to export the stuff, for it is quite possible that it might lie here for years before finding a purchaser, and then you would have to meet warehouse and other charges, which would probably amount to several times the value of the stuff.

Information Supplied.

Syr. Filiadi—27/36. *Mr. J. B. Purvis* writes :—"I think syrup of maidenhair fern is meant. Syr. fili adiante would be the extended form."

To Free Rubber Mineral-water Stoppers of Taste—26/33. *Mr. John Clark* finds the following method effectual :—Cover the stoppers with water, add a few ounces of burnt sugar, and let them soak for a few days, stirring once or twice daily with a stick. After this treatment wash them, and they are ready for use.

Nip-bone.—*Mr. A. Marsland* (Ashton-under-Lyne) says that in the Manchester district of Lancashire comfrey-leaves are supplied when nip-bone is asked for. *Mr. J. Lees* (Oldham) sends a similar reply.

Information Wanted.

The Editor will be obliged for replies to the following from any who can furnish the information.

220/46. Makers or importers of fir tree oil insecticide and lemon-oil insecticide.

MR. HORACE BROWN, LL.D., F.R.S., is to be chairman of the Chemical Section of the British Association this year, and Sir George King, F.R.S., formerly director of the Calcutta Botanic Gardens, is to preside over the Botanical Section.

FORMULA-BOOK.—"We are asked our opinion as to the best cheap formula-book published. To this we would say that we have never seen anything that as nearly filled our idea as to what a book of this kind should be as does 'Pharmaceutical Formulas,' published by the London CHEMIST AND DRUGGIST."—*The Spatula*.

ALCOHOL IN JAPAN.—Referring to the consumption of alcohol in Japan the British Consul at Yokohama says the increase during the past four years has been six-fold. Since the raising of the tax on saké, alcohol has come into common use in the manufacture of refined and other kinds of saké, some of which are said to contain as much as 25 per cent. of alcohol. In 1895 the imports were valued at 45,927*l.*; in 1896, 52,660*l.*; in 1897, 100,974*l.*; and in 1898, 275,628*l.* As usual Germany did the bulk of the business, the United States coming next, with about one-sixth of the amount brought from Germany, and more than twenty times the quantity she provided last year. Then came Holland and France, new competitors in this trade.

Trade Report.

The prices quoted below are the bottom prices obtained for bulk quantities by importers and manufacturers, who do not supply retailers. They are in many cases exclusive of various charges.

42 Cannon Street, London, E.C.: June 15.

AS the end of the first half-year approaches, business slackens down. This week is saved from dullness by brisk inquiry for morphia which cannot be satisfied, and increases in the prices of citric acid and ipecacuanha, the latter having touched 17s. per lb. Otherwise changes are not numerous, as the following table shows:—

Higher	Firmer	Lower	Easier
Acid, citric	Arrowroot	Benzols	Ammonia sul-
Chamomiles	Bleaching	Pimento	phate
Ginger, Coch.	powder	Shellac	Copper sul-
and Jam.	Gum trag.		phate
Ipecacuanha	Musk		Tolu balsam
Morphine	Nutmegs		Yellow prus-
Oil, castor	Oil, peppermint		siate
Oil, linseed	Opium		
Oils, Sicilian	Otto of rose		
Oil, turpentine	Quillaia		

The arrivals of drugs from June 8 to 14 include the following:—Aloes (Cape), 75; argol, 56; aniseed, 20; benzoin, 102; camphor, 4; cardamoms, 18; cassia, 120; chamomile-flowers, 10; cinchona, 459; cinnamon, 190; cochineal, 21; cocaine (crude), 8; cream of tartar, 113; essential oils, 132; fenugreek, 32; gall-nuts, 200; gentian-root, 120; ginger, 981; glycerin, 30; gum copal, 133; honey, 113; iodine, 102; kola-nuts, 5; lime-juice, 70; liquorice, 22; liquorice-juice, 120; manna, 2; nux vomica, 333; oil, castor, 1,118; oil, cod-liver, 125; oil, coconut, 20; oil, lemon, 20; oil, olive, 538; oil, palm, 120; orange-peel, 11; opium, 15; phosphorus, 115; rhatany-root, 18; sandalwood, 229; sarsaparilla (Jamaica), 25; shellac, 1,160; sulphur, 197; squills, 13; tartaric acid, 72; turpentine, 148; vanilla, 6; wax, 204.

Californian Honey-crop.

According to advices from California, the prospects for the new crop are unsatisfactory, and it is thought that it will be almost a complete failure. There has been no rain of any consequence, and the season is likely to be over early in June. These reports come from Riverside County, which, with San Diego County, are said to produce the finest-flavoured Californian honey. Most of the honey shipped last year was old stock held from the year before, and the coast, with the exception of what has been produced this spring, is practically bare of supplies.

The Rose-harvest in Bulgaria.

A correspondent in Bulgaria, writing to us on June 5, confirms the statement made in our last issue regarding the rose-harvest. He says that on account of the great dryness, especially in the districts of Karlovo and Brezovo, the flowering-period passed with extraordinary rapidity, and the flowers were found to be poor in the yield of otto. It is still difficult to determine whether the quality of the otto will be up to the average, but it is generally acknowledged that the amount will not exceed 74,000 Turkish ounces. As to prices, the general opinion is that on account of the demand higher values will be obtained than last year. At present, pure otto 68° F. is still selling at 21s. per Turkish ounce.

Japanese Markets.

Yokohama, May 13.

This market is very quiet and dull, owing to tea-cultivation and the silkworm-industry occupying the people at this time of the year. In regard to imported articles, quinine shows the most important change, having advanced by

nearly 21 per cent., so that the price for sulphate is now 64 sen per oz., in 100-oz. tins. Carbolic acid has slightly declined, on account of heavy stocks, which are estimated at about 1,000 cwt.; the present quotation for white crystals, 35° i-34 sen per lb., in 1-cwt. drums. Cocaine hydrochloride is firmly held at 624 yen per oz., bulk quantities, and is extending higher. Balsam of Peru is scarce.

Among the staple exports peppermint products show decided change, owing to speculative purchases in the interior, which have advanced prices; but as the tone of the market is weak, owing to the small amount of business going on, the future of the article looks black. Ginger is tending higher, owing to the large amount of business done with opium. I append details of the present condition of these and other articles:—

Peppermint.—Owing to a great falling-off in the exports the market is very dull at the moment. Last year's exports from Yokohama amounted to 31,900 cattie of oil and crystals, while the production much exceeded that of 1897, the total for 1898 being 114,000 cattie. Besides, there were stocks held over from the previous year amounting to about 52,000 cattie, making a total of 166,000 cattie. The quantities exported and used at home last year were so small that there is left in hand more than 100,000 cattie, one half of which is in the province of Uzen and the rest in Yokohama. Holders are very anxious to realise, and are endeavouring to force sales, so that there has been a gradual decline in prices. Speculators who have been buying in the interior have sustained a heavy loss, and are rather crippled financially, this fact also helping to cheapen prices. In the firm belief that there would be no further decline the Japan Menthol Company, of Yokohama, in a very quiet manner made an effort to corner the market by purchasing 24,000 cattie in the interior. But the secret leaked out after the price had advanced in Uzen by nearly 30 sen per cattie. The speculators still continue buying, however, and are making strenuous efforts to advance prices. Whether this movement is to succeed or not is doubtful. From my point of view it will fail, should no large orders come forward from Europe. Actual business in this market is still very poor, about 2,000 cattie of oil and crystals have changed hands at 1.65 yen for oil, and 3.8 yen per cattie for menthol crystals for export to Europe, and about 700 cattie of menthol in 1-oz. bottles have been sold at 4.30 yen per cattie for Bombay. Even for trifling business like this holders are competing keenly amongst themselves, with the result that prices are very easy. The area under peppermint-cultivation in Uzen and Kansai provinces this year will be equal to that of last year, and, if the weather is favourable, it is expected that the harvest will exceed 100,000 cattie. I anticipate that the present low prices will be maintained for some time.

Ginger.—As last year's crop was poor, holders generally quoted very high prices, and at one time 9 yen per picul was touched. But this great advance checked the demand abroad, so that there have been no important transactions during the past four months, and prices fell by nearly 20 per cent. during April, when only 100 piculs changed hands at 7.20 yen per picul. Stocks on April 30 were about 5,000 piculs in Yenshui, 500 piculs in Sanshui, and 500 piculs in Yokohama. In the first week of this month business to the extent of 200 piculs was transacted at 6.90 yen per picul, i.e. b. railway or wharf, the lowest price recorded this year. In consequence of this decline an Indian merchant began purchasing at this rate last week, and others followed suit, so that a further advance of 10 per cent. has taken place, and 1,500 piculs have changed hands at between 6.90 yen and 7.60 yen per picul. Most of the purchasing was for Bombay, but a few parcels were acquired for London. The market closes firm.

Sulphur is scarce, and prices are well maintained at 2.30 yen per picul for firsts, 2.20 yen for seconds, and 2.10 yen for thirds. There is no available stock here, and it is reported that some 600 piculs, which were expected at the end of this month, have changed hands at 2.10 yen per picul for re-exportation to Australia.

Manganese.—Very scarce, and bare of stock. The price is 17 yen per ton.

Iodine.—Quiet, with a lower tendency. Crude iodine can be had at 3.35 yen per lb. Last month 3,600 lbs. were exported to Hamburg, and 500 lbs. of potassium iodide to Singapore. The manufacturing season is now approaching, and it is expected that there will be a much increased output.

Heavy Chemicals.

[These prices are for market-centres other than London]

Business is fair, and values are steadily maintained. On the Tyne and Clyde there is a rather heavier all-round demand.

ALKALI PRODUCE.—Bleaching-powder is in brisk request, is rather scarce, and price is firm. Caustic soda steady, and in fair inquiry at late rates. Yellow prussiate of potash is a shade easier,

principally owing to second-hand offerings. Soda crystals steady. Production is interfered with by the hot weather.

LEAD COMPOUNDS.—Sugar of lead, brown, 17l. 15s.; and white sugar of lead, 23l. 10s. per ton, less 2½ per cent. Glasgow. Nitrate of lead, 20l. 10s. per ton, less 2½ per cent. Glasgow.

SULPHATE OF AMMONIA is weaker at prices slightly lower than those mentioned in our last. Exports from Leith last week amounted to 757 tons.

BROWN ACETATE OF LIME steady, at 4l. 12s. 6d. to 5l. per ton, c.i.f.

COAL TAR PRODUCTS.—Benzols keep very low, and have again declined slightly; 90 per cent. is now quoted 6½d.; and 50 per cent., 7d. to 7½d. Carbolic acids firm; crude, 60 per cent., 2s. 0½d.; and 75 per cent., 2s. 6½d. to 2s. 7d.; crystals, 34° to 35° C., 6½d. to 6¾d.; and 39° to 40°, 6¾d. to 6¾d. Aniline oils and salts quiet, the former is quoted 4d. to 4½d., and the latter 4d. Anthracene unchanged; A grade, 3½d. to 3¾d.; and B grade, 2½d. to 3d. Pyridin a shade lower, at 4s. 9d. to 4s. 10d. Pitch steady, at 24s. to 25s., f.o.b. East Coast. Naphthas dull. Solvent naphtha, 90 per cent., 1s.; and 95 per cent., 1s. 2d. Crude, 30 per cent., 3½d. to 4d. Solvent wood, colourless, 2s. 9d. to 3s.; and miscible, 4s. to 4s. 13d. Creosote steady, at 3¾d. to 3½d. Toluol, 10½d. to 11d.; and pure, 1s. 6½d.

BORAX.—Powdered, 16s. 6d.; crystals, 16s. Boracic acid, 25s. and 27s.

SALTPETRE.—British refined barrels, 20s. 6d.; and kegs, 21s. 6d. German barrels, 18s. 9d.; kegs, 19s. 6d.

SULPHATE OF COPPER.—Firm, Anchor, 27l.; and Liverpool, 26l. 15s.

Liverpool Drug-market.

Liverpool, June 14

CASTOR OIL.—Notwithstanding the arrival of about 800 cases by the *Historian*, the market has sensibly improved during the past week, and although some sales were made to clear the quay at 2½ per lb., the price has now advanced to 2¾d. to 2½d. Large sales of first-pressure French have also been made at 2½d., and now 2½d. to 2¾d. is being asked. Second-pressure French is held for 2¾d., and Madras in barrels 2¾d. per lb.

GINGER.—Sales of 120 bags African at 18s., and 80 bags at 17s. 6d. per cwt. have been made.

CANARY-SEED.—The upward movement in this is continued, and sales are reported at 31s., with every indication of yet higher prices, in consequence of strong reports from producing centres.

HONEY.—Chilian, piles 2 and 3, has sold from the quay at 19s. per cwt., as it rises, but this price has been refused for a further quantity of pile 3.

COPAIBA.—It is understood that further business has transpired, but that no details are given. Stocks in first hands are now supposed to be reduced to a very narrow compass.

CAPSICUM (NIGER).—Bright red are firm at 33s. to 35s. per cwt., and lower grades 2s. 6d. to 5s. per cwt. less. Sierra Leone are still at 45s. per cwt. for good bright red.

WAX (BEES).—A lot of about 5 bags Buenos Ayres sold at 7l. 5s. per cwt.; Chilian remains firm at 6l. 15s. to 7l. 15s. per cwt.

QUILLAI-BARK.—Firm, and sales are reported for export to the Continent at about 12l. per ton. Holders take rather an optimistic view of the market.

TAMARINDS (W.I.).—A parcel of 32 packages, offered at auction, and 14s. per cwt., was asked, but no buyers were forthcoming at this price.

CREAM OF TARTAR.—Steady at 77s. 6d. to 80s. per cwt. according to grade.

SULPHATE OF COPPER.—Easier, sales being reported in quantity at 25l. per ton.

ALOES.—A parcel of about 2 tons Curaçao in gourds was offered at auction, and held for 22s. per cwt., importers' views being in advance of the quality.

German Market.

Hamburg, June 13.

There is very little business doing in our drug-market at present.

AGAR AGAR keeps steady at 305m. to 310m. per 100 kilos. for good quality.

ALOES is a little firmer, prime Cape 53m. to 54m. per 100 kilos.

CITRIC ACID continued firm, at 310m. per 100 kilos.

CAMPHOR lifeless, second-hand sellers at 347½m. to 340m. per 100 kilos.

CEVADILLA-SEED.—Unchanged, at 72m. per 100 kilos.

ERGOT OF RYE.—Steady, good quality being quoted at 245m. per 100 kilos.

IPECACUANHA (Rio) is not offering, Cartagena unchanged, at 19½m. per kilo.

MENTHOL firm, at 15½m. per kilo.

QUININE neglected, with second-hand sellers at 43m. to 45m. per kilo.

STAR ANISE is quiet, at 187½m. per 100 kilos.

SPIRIT OF TURPENTINE.—Firm. Our stocks were entirely exhausted when two vessels with, together, about 2,400 barrels arrived. Half of this quantity goes direct into the interior. Spot quotation to-day is 68m. per 100 kilos.

WAX (JAPAN) is dull. Spot to-day is 56m. per 100 kilos. *Carnauba* is unchanged.

OILS.—Cod-liver steady, non-congealing oil 58m. per barrel. Castor is steady, first pressing in barrels, 51m. per 100 kilos.; forward, 50m. Essential oils are almost unchanged. Japan peppermint is firm at 7m. per kilo.

The arrivals since June 8 include camphor, 2,346 packages; camphor oil, 500; antimony, 163; benzoin, 11; menthol, 32; Japanese peppermint oil, 10; star anise, 100; Japan wax, 600; kola-nuts, 28; Copaiba, 30; and beeswax, 158.

American Market.

Our correspondent's letter dated May 30 was received too late for insertion in last issue, and as some of the information has since been covered by cablegram we give the more important parts of it only. Referring to *Acetanilide*, which was then firm at 28c. to 30c., he mentions that a recent decision of the Circuit Court of Appeal has reversed the Appraiser's decision declaring acetanilide taxable as a medicinal preparation. Henceforth acetanilide will be admitted free as a "coal-tar product, not a medicine, nor a colour, nor a dye." Sales of *Cinchonidine* aggregating 50,000 oz. have been made at 22c. Western *Senega-root* is in good supply. New crop is beginning to come in. *Peppermint* oil is firmer. Supplies in the hands of growers are small, and the new crop is certain to be considerably less this year. All varieties of *Senna-leaves* are strongly held. The demand is good, and supplies, especially of *Tinnevelly*, are limited.

New York, June 6

Business is quiet, chief interest being centred around opium and quinine.

OPIMUM.—Firm. The lowest quotation for case lots is \$2.85, and most holders are unwilling sellers.

QUININE.—Stronger in sympathy with the London market. Manufacturers quote 36c., and second hands 34c. to 36c., according to brand.

CITRIC ACID.—Firm at the recent advance to 42c. Second hands ½c. lower.

CUTTLEFISH-BONE is very scarce on the spot, and holders have advanced quotations to 12c. per lb. for prime Trieste.

CINCHONIDINE continues active and strong at 25c. Small parcels in second hands can be bought at 24c.

BARKS.—Cascara sagrada has sold during the past week at 6½c. Quillaia, whole, can be bought at 3½c., and crushed at 5½c. *Euonymus* (Wahoo) root-bark is scarce, but 16c. will buy in quantity.

INSECT-FLOWERS are scarce on the spot, and closed flowers are held at 30c. per lb. Half-closed can be bought at 23c., and open at 15c.

ALOES (CURAÇAO) slightly lower—viz., 3c. per lb. in quantity.

PODOPHYLLUM RHIZOME.—Firm at 3½c. to 4½c. per lb., according to quality and quantity. New spring-dug root is offered at lower figures, but this root is deficient in resin.

CALUMBA-ROOT is moving well at 7c. to 8c. per lb. for ordinary, but for extra 12c. is asked.

OIL OF ANISE easier, at \$1.42, in consequence of heavy arrivals.

OIL OF CASSIA declined to 75c. to 95c., the former for 50 per cent. oil.

OIL OF CITRONELLA.—Competition and plentiful supplies are responsible for a decline to 23c. in drums, and 24c. in cases.

NAPHTHALENE is in better supply, and quotations are now normal—viz., 3½c. to 4c. per lb.

Cablegrams.

NEW YORK, June 15, 2.57 P.M.:—This market is dull, and little business is doing. Opium maintains its strong position at \$2.85 per lb. *Ipecacuanha* has advanced to \$3.75 per lb., and is going higher. The *copaiba* market is depressed owing to large arrivals, and 35c. per lb. is now the price. *Snake root* is easier at 28c., but *jalap* is firmer at 11c. The new *cascara sagrada* coming forward is unsettling business, and lower prices appear to be inevitable.

* * * *

BERGEN, June 15, 11.25 A.M.:—Little progress remains to be reported in the Finmarken fishery, the catch to date amounting to 31 210,000, against 36,194 000 last year at this time, and the yield of unrefined oil is 28 227 barrels, against 21 813. The market has receded somewhat, 56s. per barrel, f.o.b., being quoted for non-congealing medicinal, but there is a total absence of sales.

* * * *

HAMBURG, June 15, 12.19 P.M.:—This market continues in the lifeless condition noted in my letter. Camphor is

quiet, and obtainable in second hands at 335m. per 100 kilos. for refined. Japan wax is dull, and selling at 55m. Quinine is quite neglected.

London Markets.

ACID, CITRIC.—The firm condition has been strengthened this week in consequence of the steady demand and the need by the trade for early deliveries. Manufacturers of the acid are dealing it out in portions, and it is difficult to get from first and second hands as much as 5 tons at a time, even at 1s. 6d. per lb. from the former, and 1s. 5½d. from the latter. Yesterday a manufacturer was paid 1s. 6½d. for an order for immediate delivery, and to-day a ton was sold at the same, but the seller would not go further, and 1s. 7d. was fixed as the official price. Second-hand holders want 1s. 6d. Higher rates are anticipated as soon as the supplies of juice which have already been sold by the holder are used up. These represent, it is believed, half the declared stock. America has been buying heavily. It has been predicted for some weeks that the price for citric would run to 1s. 9d., and this prophecy gains credence.

ACID, TARTARIC.—Firm, but unchanged, at 1s. 1d. for English crystals and 1s. for foreign.

AGAR-AGAR.—We hear from the Continent that the new crop of Japanese which has arrived in Hamburg has been well competed for, and is practically cleared out at firm rates.

ALOE.—Privately there has been a considerable business done in capey character Curaçao, about 100 cases having sold since our last, at 16s. to 18s. per cwt. An arrival of 200 cases of the same character will come up to auction next week. Business has been done in good Cape firsts at 26s. 6d. per cwt.

ARROWROOT.—Firm: Bermuda bought in at 1s. 11d.; fair St. Vincents sold at 4¾d. to 4½d. per lb. good at 5d., and fine at 5¾d. per lb. In one quarter higher rates are predicted.

ASAFETIDA.—Fine qualities are in demand at 70s. to 90s. per cwt., but business in lower grades is "off" until the unreserved auction is over. There will then (June 23) be offered 440 cases of the drug.

BALSAM PERU.—Sales by importers and brokers are going on steadily at 8s. 3d. per lb.

BENZOLIN.—Good sales of Sumatra seconds have been made since the auctions, over 60 cases having been disposed of at 6l. to 8l. per cwt.

CAMPHOR.—On Friday, June 8, 593 cases of crude Chinese camphor were offered by public auction without reserve "for account of whom it may concern." The drug was more or less sea-damaged, and was offered with all faults. The worst of it sold at 85s. to 87s. 6d. per cwt., and the less damaged cases at 92s. 6d. to 105s. The crude market is lifeless at present, Chinese being 122s. 6d. and Japanese 128s., c.i.f. From Hong-Kong we learn that the stocks are accumulating there and prices easier. It is also to be noticed that the arrivals in Europe are exceptionally heavy, for in Hamburg, since June 8, 2,346 cases and tubs have arrived, as well as 500 packages of camphor oil. The camphor is, we understand, mostly to meet forward orders.

CARDAMOMS.—There has been a fair business in Mysore since the auctions at the sale rates.

CASCARA SAGRADA.—This drug is neglected at present.

An article in the *O. P. & D. Reporter* confirms the observations by our New York correspondent regarding the favourable crop this year. Not only has the harvesting commenced early, but the gatherers are resorting to kiln-drying, and are able to offer the bark, f.o.b. west coast, at 3c. per lb., making the price for New York about 4½c. We ought to point out that kiln-drying may have an injurious influence upon the medicinal properties of the bark, and buyers should have some assurance on this point before they accept such bark as equal to the sun-dried article.

CHAMOMILE-FLOWERS.—For good Belgian 67s. 6d. to 68s. 6d. per cwt. is wanted in second hands.

CINCHONA.—As reported by cable in our last issue, the sales at Amsterdam passed off quietly, the unit having fallen by a fraction of a cent to 8½c., but there was a large amount

of low-grade bark sold at about 7½c., and this gave a factitious cheapness to the average. The details of the auction were given in our cablegram, but we may add that the bark sold for manufacturing purposes contained the equivalent of 515,575 oz. of quinine sulphate, apart from some not analysed and which was estimated to yield 19,095 ozs. of sulphate. These figures do not include druggists' bark. Some fine succirubra quill was included in the sales, 61c. per ½ kilo, being the highest price paid for this. Between 8s. and 8½c. was the unit paid for nearly 15,000 kilos., of the quinine sulphate in the bark, and as high as 9c. was reached for bark representing 783 kilos of sulphate.

Four steamers which left Batavia in the fortnight ending May 12 had on board 626,787 Amst. lbs. of cinchona bark. The heaviest of the shipments was 249,407 lbs. in the *Archives*, which sailed on April 29, and the next heaviest 202,468 lbs. on the *Madura*, which sailed on May 12. There were also sent by these vessels 418 cases of quinine, all to London, except 25 cases which go to New York. By the *Archives* 175 cases came to London, and by the *Titan* (sailed May 5) 218 cases.

COLOCYNTH moves very slowly. For good Turkey 1s. per lb. is wanted.

GOLDEN-SEAL.—Spring-dug root is now quoted 2s. 4d per lb., c.i.f.

GUM ARABIC.—The auctions to-day were of the usual farcical character, no appreciable amount of business being done. Turkey sorts, fine pale, were limited at from 75s. to 110s. per cwt. Good Trieste-Aden sold at from 42s. to 46s.; Aden siftings, 16s. to 17s.; poor dark and woolly sorts, 5s. Of the 214 packages Aden offered 18 were sold. Persian was in large supply, 1,426 packages being catalogued, but only a few of the lower qualities sold at 18s. for poor sorts, and 14s. 6d. to 16s. for blocky. Five bags of bold dusty Cape gum sold, with good competition, at 48s. 6d. Bold brown Australian, slightly blocky, sold at 21s.; bags with gum adhering realising from 5s. to 8s. Ghatti was in poor supply, no good qualities being offered. A few lots of blocky stuff sold at 10s. Two cases of fine bold pale East Indian sold at 54s., subject; fair pale to bold red, 39s. 6d.; pale to yellow, 28s.; yellow to brown, 22s. 6d.; dark sorts, 20s. Fine pale Cawnpore sorts sold at 28s.; yellow to brown, 22s. 6d.; siftings, 19s. to 20s. 6d. Neither white Mogador, Amrad, nor Ghezirah was bid for, although fair specimens of each were on show.

GUM GALBANUM.—Slow of sale, at 9d. to 1s. 3d. per lb., according to quality.

GUM MASTICH.—Large supplies are available, and for the best clear water-white tear 1s. 11d. per lb. is wanted.

GUM TRAGACANTH.—A very large business has been done this week, the arrival of the *Brookside's* cargo having stimulated sales, which have been due to the extent of over 500 cases, at prices ranging from 5l. per cwt. for poor fourths to 13l. for good seconds. Some low-grade Persian is to hand. There is little doing in druggists' grades. The market is still strong.

IPECACUANHA.—After last Thursday's auction an American buyer cleared the catalogue-offerings of Rio root at the rates then current, and on Monday other buyers paid 16s. per lb. for the same kind. On Tuesday 17s. was the price, and for Cartagena 13s. was wanted. To-day 17s. was paid for Rio, and 12s. 9d. was refused for Cartagena. It is stated that only 10 bales of Rio and 8 of Cartagena are for sale; also that the usual order for Russian (about 2,000 lbs.) remains to be filled. The condition of affairs is dealt with editorially.

JALAP.—The best parcels which were offered last week have since been disposed of at 6¾d. per lb.

LIQUORICE-ROOT.—Supplies of common Persian have been cleared out, and there is little remaining of other grades, the nominal quotation being 20s. per cwt. for decorticated.

MENTHOL.—Quiet this week at recent rates, the low prices at the drug auctions not having affected the market, and from Japan the quotation still comes forward at 7s. c.i.f. terms. In view of this sellers here are not disposed to encourage the notion that a break-down in values will take place later on. Our Yokohama correspondent gives particulars of the condition of affairs in Japan.

MORPHINE.—Owing to orders from the East, and the firmness of the opium market, some makers have raised their price for powder hydrochloride to 4s. 6d. per oz., but business was done to-day in powder at 4s. 5d. and in cubes at 4s. 7d. for forward delivery. The market is active and it is practically impossible to fill fresh orders for immediate delivery. This fact has already been noted. In second hands prices for powder hydrochloride range from 4s. 5d. to 4s. 6d. per oz., and other forms and salts proportionately higher.

MUSK.—Firm, with some transactions privately at 62s. 6d. to 65s. for Pile I. Tonquin, but the lower price has been refused, as stocks are getting low, and there is not much more to come forward until the autumn.

The exports from Chungking in 1898 were 3,877 lbs., valued at 85,258l., as compared with 4,383 lbs., valued at 92,126l., in 1897.

OIL, CAMPHOR.—Refined white is quoted 30s. per cwt.

OIL, CASSIA.—In better demand on the basis of 4s. 1½d. spot for 75 to 83 per-cent oil.

OIL, CASTOR, is a shade firmer, but on the whole very quiet here. Belgian, first pressing, spot, 24s. 6d.; second pressing, 22s. 6d. per cwt. Hull manufactured, 23s. to 25s. per cwt. in barrels, according to pressing, ex wharf London; pharmaceutical oil, 3¼d. per lb. London pressed, 24s. 6d. per cwt. in barrels. French, 23s. to 25s. per cwt., spot. Medicinal Italian 31s. 9d. per cwt., c.i.f.

Calcutta advices, dated May 18, report light stocks, small production, and prices tending upwards. The demand for export to Europe has been limited, but small parcels are meeting with a good local consumption. The labour question is affecting the trade.

OIL, COD-LIVER.—There is more inquiry from the Continent, and 60s. per barrel, c.i.f., has been paid for a good brand. Others are selling at less.

BERGEN, June 10.—Prices for Lofoten non-congealing cod-liver oil are still very low, sellers demanding 57s., without, however, making any sales. We are now at the opening of the dead season, and it will, therefore, be difficult to keep up quotations. Exports to date are 5,547 barrels, against 3,797 at the same time last year.

OIL, PEPPERMINT.—Dementholised Japanese oil is slightly dearer, a fair amount of business having been done at 3s. 2d. to 3s. 2½d. per lb., c.i.f. The spot price is 3s. 3d. HGH is firmer, 5s. per lb. being wanted for single-case lots, or 4s. 11d. for quantity.

OIL, TURPENTINE.—Dearer, at 34s. 6d. per cwt.

OIL, YLANG YLANG.—There is no ylang-ylang harvest in Manilla this year, so this oil is getting very dear, 7s. to 10s. per oz. being wanted for ordinary kinds, and 16s. to 17s. for the Sartorius brand. Cananga oil has moved up in sympathy with it.

OILS, FIXED.—Linseed has advanced to 20s. 4½d. per cwt. in pipes, landed, or 20s. 6d. for barrels, spot. Refined rape is also firmer, at 23s. 3d. per cwt., spot; Ravison, 17s. 3d. per cwt. Cotton-seed is steady at 16s. 6d. to 17s. 3d. for refined in casks, spot. Ceylon cocoanut is quoted 25s. 9d. per cwt. in pipes, and Cochin at 28s. 6d.; fine Lagos palm is firm at 24s. 6d.

OILS, SICILIAN.—All the essences are firmer this week, the demand being good. Bergamot is now 8s. 6d. to 9s. per lb., c.i.f., for the best brands; lemon, 3s. 6d. to 3s. 10d. c.i.f.; and orange is rising, although 6s. 9d. to 7s. 6d., c.i.f., will still buy.

OLIBANUM.—In auction to-day 580 packages were offered and 159 were sold. These were mostly dark mixed and peasize drop. Fine bold pale drop was limited at 40s. to 42s. per cwt.; fair pale to dark drop sold at 26s., subject; good mixed, 27s. 6d.; pale peasize, 18s. 6d. to 23s.; darker, 16s. 6d. to 17s.; poor dark sorts and blocky, 16s. 6d. to 18s. 6d.

OPIUM.—There has been little business this week until to-day, when a good transaction in Persian came off at 11s. to 11s. 6d. per lb. Manufacturers complain that it is exceedingly difficult to get workable opiums at reasonable prices, and there is no doubt that large quantities of low-grade stuff have recently come upon the market, especially new-crop Persian adulterated with Sarcocolla. This opium looks beautiful, but tests low in morphine. Holders here are

sticking to their high rates, and while this continues there will be a stringency in the market, as buyers seem convinced that the crop-prospects justify lower prices.

CONSTANTINOPLE, June 9.—Sales of the week amount to about 10 cases at up to 7s. 9d., f.o.b., for druggists' and 8s. 9d. for soft. The market is very firm and sellers scarce. It is just possible that the yield of new crop will be lessened, owing to continued drought inland from which other crops are suffering severely.

SMYRNA, June 3.—Since our last report a disposition has been shown on the part of dealers to facilitate export orders. Fifty cases of Yerli tale quale and other sorts have been sold at prices ranging from 7s. 7d. to 7s. 9d. per lb., c.i.f., European ports. An English house bought 14 cases at 7s. 8d. per lb. The arrivals, which include 11 cases of new opium, total 1,463, as against 3,536 at a corresponding date last year. The new 1898 crop will begin to come on the market on June 11.

SMYRNA, June 9.—In the interior the opening prices for new drug are much higher comparatively than the present prices here for old. Dealers have paid as high as 7s. 4d., which, calculating the loss in weight, would fully reach the high figure of 7s. 10d. when it gets as old and well-seasoned as our selected old Karahissar tale quale. This week our sellers have been very tenacious, and on buyers approaching them at last week's figures they all asked 1d. to 2d. per lb. more. This prevented large transactions, and the only business done was 22 cases, at 7s. 8d. to 8s. Interested consignors of large stocks in the United States will do all they possibly can to maintain prices.

ORANGE PEEL.—Fresh peel is unobtainable. For dried English cut 1s. 3d. per lb. is wanted. Maltese strip is selling at 4d. to 6d. per lb., according to quality.

QUININE.—A quiet week, which began with an easier tendency at first, but, latterly, any business which transpired in second-hands was done at 1s. 4d. per oz., spot, and 1s. 4½d. August. It is thought that August speculators have overold themselves, and this opinion seemed to get a little backing from an advertisement in a daily which asked, "Will all genuine holders of 'spot' communicate with 'Finance?'" To-day further business has been done in August at 1s. 4½d. and October at 1s. 4½d. Manufacturers are firm and busy.

RHUBARB.—Privately, almost nothing is doing, only about half-a-dozen cases having sold privately since the auctions at sale rates.

The amount exported from Chungking in 1898 was 1,311,866 lbs. (24,321l.), as compared with 889,733 lbs. (17,123l.) in 1897. The British Consul at Chungking says the demand from Great Britain during 1898 was very good, and tempted native merchants to embark their capital, in spite of the disturbed state of the country.

Frequenter of the Crutched Friars warehouse will be sorry to hear that the rhubarb-warehouseman (Mr. Tapp) met with a nasty accident last Saturday, and is laid aside with two broken ribs. He had been visiting a sick sister, and was returning home when the accident happened. On Monday he received a telegram stating that his sister was dead.

SANDARAC.—Fine white tear is selling at 50s. per cwt. One broker had 44 packages in auction to-day, but none sold.

SARSAPARILLA.—Mexican is easier, and can be had at 5½d. to 5¾d. per lb., c.i.f. A good business has been done in Lima-Jamaica at 1s. 1d. per lb., and practically the whole of the Jamaica has been cleared out at 1s. 6d. to 1s. 8d. For Guayaquil 1s. 4d. is wanted.

The exports from Guayaquil in 1898 were valued at 2,034l., as compared with 214l. (107 quintals) in 1897. The ruling price at Guayaquil was 2l. per quintal.

SEEDS.—The excitement in *Canary-seed* has abated, but values are steady at the advance. The trade demand being small at this season of the year tends to keep prices from rising. The quotation for Turkish is 30s. per qr. Morocco *Coriander* is steady at 6s. 6d. to 7s. per cwt.; a parcel of new crop East India was offered at auction and withdrawn, the limit being 7s. 6d. per cwt. Bold *Linseed* is offering at 47s. per qr. *Cumin* and *Fennugreek* are slow of sale, but unchanged.

SENEGA.—In moderate demand, at 1s. 2d. per lb. from the importers. Supplies in the States appear to be excessive.

SENNA.—The best qualities of Alexandrian are in request, but there is little to be had, and 7½d. to 8d. is wanted for it. In Tinnevely there is no business except in seconds quality,

which has sold at 2½*d.* Stocks are nearly depleted. Pods are almost unobtainable, and a very dark lot has sold at 2½*d.* to 2¾*d.* per lb.

During 1898 the amount of Alexandrian senna exported from Suakin was 2,863 cwt., valued at 1,497*l.*, the value for 1897 being 3,472*l.* Of this amount 1,453 cwt. (761*l.*) went to Great Britain and 1,413 cwt. (736*l.*) to Trieste.

SHELLAC.—At the auctions on Tuesday, there were moderate supplies. The demand for second orange was fair, and about one-half sold, mostly without reserve, at an average decline of 1*s.* on last sales' rates; second orange sold, partly without reserve, at 66*s.* for fair bright free; ordinary to fair red, at 64*s.* to 65*s.*; bright red eakey, 64*s.* to 65*s.*; reddish livery, 63*s.* to 64*s.*; shivered block, 63*s.* Button, fair firsts, sold at 74*s.* Privately, second orange TN has sold at 63*s.* 6*d.*, c.i.f. October-December steamer. Speculation market quiet.

SPICES.—There has been more doing in Cochin *Ginger* this week, and washed rough is 2*s.* per cwt. dearer. At the auctions on Wednesday fair to good sold at 23*s.* to 24*s.* per cwt.; cuttings were bought in at 17*s.*, and scrag at 15*s.* Boldish Calicut brown rough sold at 23*s.* per cwt. Cut kinds were in less demand, and only partly sold at steady rates—viz., 70*s.* to 75*s.* for bold limed native-cut, 42*s.* for bold and medium, and 26*s.* to 26*s.* 6*d.* for common partly limed small-cut. Japan was bought in at 21*s.* per cwt., but privately business has been done at 19*s.* 6*d.* to 20*s.* per cwt. Jamaica sold well at steady to rather dearer prices. Zanzibar *Cloves* are slightly dearer, April-June delivery having been sold at 3½*d.*, and October-December at 3¼*d.* per lb. Zanzibar *Chillies* sold, with competition, at 34*s.* per cwt. for small red stalky, and at 32*s.* for dull. *Pimento* lower, ordinary quality partly sold at 3¾*d.* per lb. *Nutmegs* firmer. *Mace* quiet. *Cinnamon* sold at 7½*d.* per lb. for quillings, and at 2½*d.* to 2¾*d.* for bark. *Pepper* is the turn lower; Singapore black has sold at 5½*d.* per lb. on the spot, and at 5½*d.* to 5*d.* to arrive according to position; white at auction brought 8¾*d.* for good, the value of fair being 8¼*d.* Penang white was bought in at 8¼*d.* per lb.

STROPHANTHUS SEEDS.—There is a good demand for brown strophanthus-seeds, and business has been done this week at 10*d.* per lb.

SUGAR OF MILK.—Ton lots of first quality American are offered at 57*s.* 6*d.* per cwt., c.i.f.

A Bundle of Blue-books.

OF the consular reports received from the Foreign Office during the past week, the most interesting one in several respects is that by Sir Harry Johnson, Consul-General at

TUNIS.

dealing with the trade of the Regency during 1898. We mentioned last year, when Sir Harry Johnson's first report was published, that it was worth buying as literature, because it gave an exceedingly graphic historical description of the Regency of Tunis. The same may almost be said of the present one, which costs 1½*d.*, and may be obtained from any of her Majesty's booksellers. The interesting parts of the report are the references to viticulture, possible openings for British capital, the museum of antiquities at Carthage, the education of the Mahomedan population at Tunis, and the Maltese colony in Tunis. It is mentioned that the Mosque of the Olive-tree has a valuable library of Arab books and manuscripts, and Sir Harry Johnson has heard that some manuscripts from the famous library of Alexandria are stored in it, but he can obtain no authentic information on the point. He says sufficient, however, to whet the appetite of bibliographers, and it is to be hoped that any doubt on the matter will be placed beyond dispute, seeing how valuable any discovery of Alexandrian manuscripts would be. The only piece of trade news in his report which affects us is the following paragraph regarding olive oil:—

The value of olive oil exported during 1898 was 3,044,723*l.*, and of oil made from olive refuse, 79,664*l.* The value of olive oil exported from Tunis in 1897 was valued at 5,268,277*l.*, so that there has been a diminution in the quantity of this article exported during

1898, though, I hope, an improvement in quality. The fact is that before the abominable cotton-seed oil had been excluded by the new Customs tariff of 1898 it was imported in large quantities, mixed with a little olive oil, and exported from Tunis as olive oil. The actual bulk of olive oil sent out of this country may have diminished, but what is now exported is relatively pure.

BRAZIL.

Two reports are published on the trade of Brazil—one, by Acting Consul-General Rhind, dealing with the trade of Rio de Janeiro, contains not a grain of information regarding the drug exports and imports of the port. There is, however, a list of twenty firms interested in the import trade of Rio de Janeiro. Mr. Rhind mentions that a process has been patented in Rio for preparing "coffee in tabloids" by compression, and this is hoped to reduce expense in exporting coffee, and to ensure to the consumer a pure and unadulterated article. Mr. Consul Nicolini writes about the trade of Bahia. During 1897 there was exported from there logwood and rosewood to the value of 7804*l.* Why these two things are put together we cannot explain, but in the return for the three years preceding we find that logwood had decreased from 53,437 logs in 1894 to 6,280 in 1896, rosewood meanwhile increasing from 2,679 to 7,545; therefore it may be assumed that in the value mentioned rosewood predominates. The total value of the imports into Bahia during 1897 was 1,950,000*l.*, and drugs and chemicals of all descriptions were included amongst the principal imports, but no figures are given.

THE RIVIERA.

We have also a report upon the trade and commerce of Nice and district, in the course of which Consul Sir J. C. Harris strongly advocates the institution of direct shipments from England to Nice, at least once or twice a year in the autumn. He says that the present methods of carriage enhance the value of goods considerably, and as an instance states that

the Riviera A.M. imports a yearly minimum of about 60 tons of soda-water. Before a bottle arrives, in the ordinary course, it goes by sea and river to Paris, where there is the general depot; then returns by river to the sea and on to Marseilles; then it is transhipped and forwarded by rail. Consequently soda-water becomes a luxury rarely to be indulged in. The gain to this trade alone, if direct carriage existed, should be considerable.

Vice-Consul Keogh tried last year to get direct shipments, but received no support from local tradesmen, even those who are English merchants.

Coming Events.

Saturday, June 17.

Wholesale Chemists' and Druggists' Cricket Championship. At Wadham Lodge, Burgoyne's r., Davy Hill's; at Bowes Park, Kepler r. Stevenson & Howell's.

Tuesday, June 20.

Proprietary Articles Trade Association, Council meeting, Agricultural Hall, Islington, N., at 3.30 p.m.
Royal Photographic Society, 12 Hanover Square, W., at 8 p.m. "Retouching," by Mr. R. Barrett.

Wednesday, June 21.

Proprietary Articles Trade Association, annual meeting, Agricultural Hall, Islington, N., at 3 p.m. Business: To receive annual report and financial statement; proposal in regard to formation of a defence-fund. Dinner in same place at 6.45 to 7 p.m.
Royal Microscopical Society, 20 Hanover Square, W., at 8 p.m. "Notes on some Sponges belonging to the *Clonidae* obtained at Madeira," by Mr. J. Y. Johnson-Corr.

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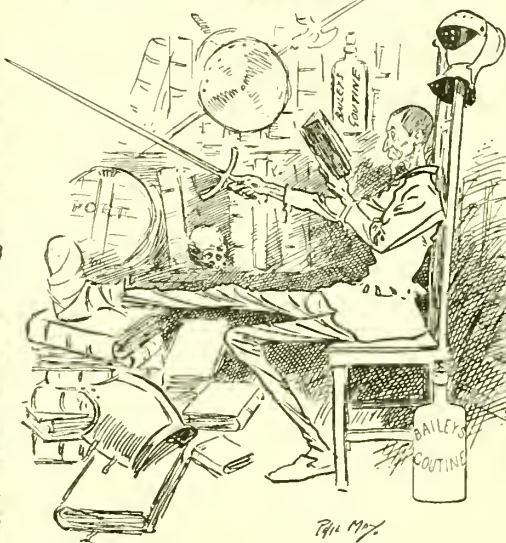
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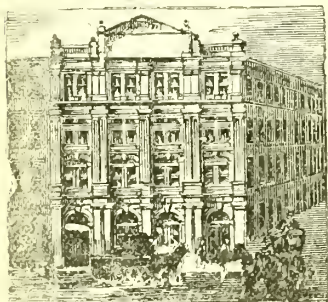
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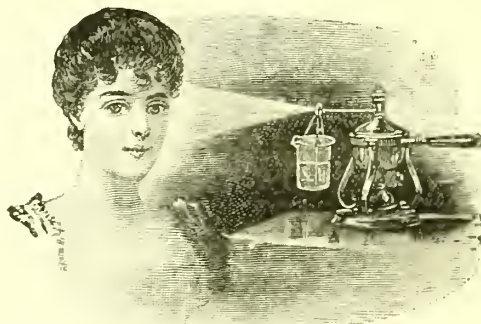
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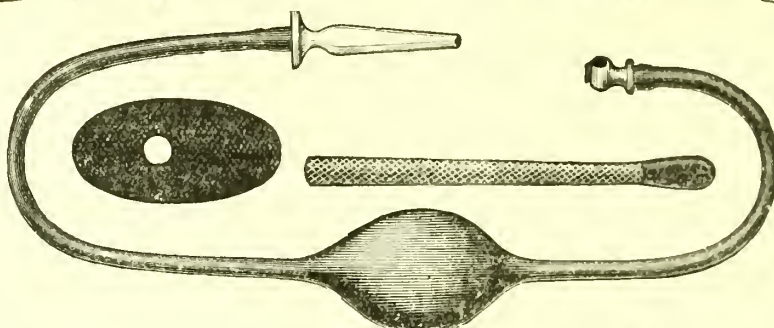
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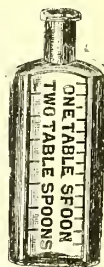
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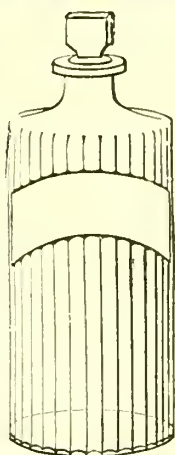
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Height to Shoulder } 4	5	5½	6½	7	7¾	in.
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These Tablets are manufactured by us of the best materials procurable. We guarantee every one to be of accurate proportions, and can with confidence recommend them to the trade as one of the best ever introduced.

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Single boxes 1/3, including postage.

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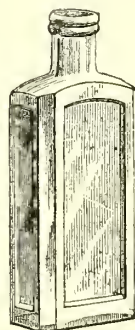
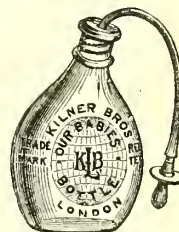
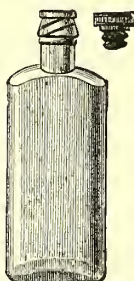
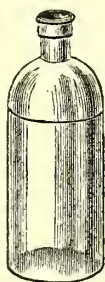
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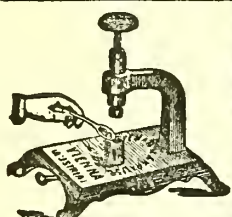
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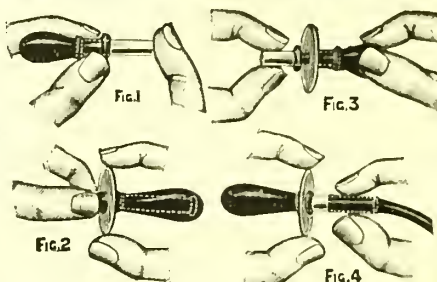
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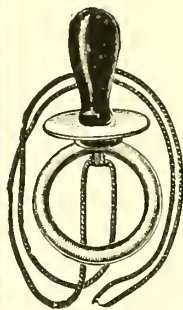
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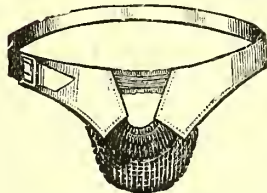
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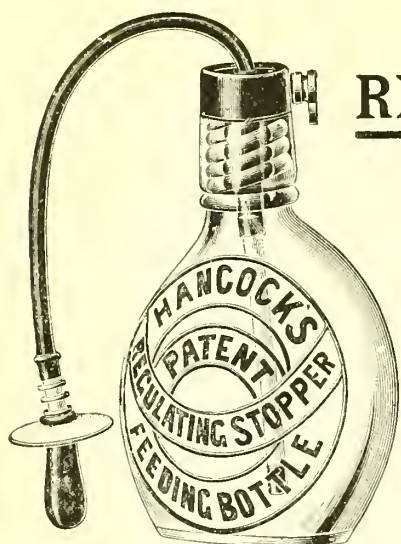
SUBJECT TO USUAL DISCOUNT.

A. de St. DALMAS & Co.

(Formerly MOOR—Established 1823),

LEICESTER.

Makers by Appointment to Her Majesty's Government.



HANCOCK'S PATENT REGULATING STOPPER FEEDING BOTTLE

And SOOTHER COMBINED.

A very simple arrangement by which the supply of milk or food can be regulated to suit even the most weak and delicate of children. The side lever placed in different positions varies the diameter of the opening of the stopper where the rubber tube passes, the action on the tube being just the same as if it were passed between the finger and thumb, and cannot injure the rubber as most other forms of regulators do. The Patent Stopper can be fitted to any Screw-neck bottle. Complete in box with brushes, handsomely labelled, fitted with 9 inches best English black tubing, large-size Teat and Shield. Retail at **1s.** each. Wholesale, **8s.** per dozen net. Orders amounting

to Twenty Shillings, Carriage Paid.

SOLE AGENT—

Telegraphic Address:—
"SOOTHERS
BIRMINGHAM."

EDWARD WOOLF,
Manufacturer of Druggists' Sundries,

Trade Mark

**E. W.
B.**

ST. GEORGE'S CRESCENT, BIRMINGHAM.

Sample sent upon receipt of Ten Stamps post free.

COMPLETE PRICE LIST OF SUNDRIES FORWARDED UPON APPLICATION.

POCKET SPITTING FLASKS

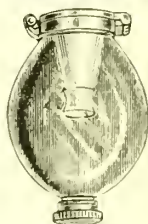
FOR THE USE OF

Patients Suffering from Lung Affections.

BLUE GLASS, NICKELLED MOUNTS, 2 SIZES.

$4\frac{1}{2}$ in. by 3 in. Each in a Box.

32/- per doz.



$4\frac{1}{8}$ in. by 2 in. Each in a Box.

32 - per doz.

In order to avoid the habit of spitting upon the ground, or the unpleasant necessity of using a pocket-handkerchief, the above has been devised. It occupies very little room, is easily cleaned, and during use can be concealed in the handkerchief. In addition to the advantage to the Patient, it is also of great benefit to the Public, since by its use the liability of infection is greatly diminished.

S. MAW, SON & THOMPSON,
7 TO 12 ALDERSGATE STREET, LONDON.

SOMETHING ENTIRELY NEW!

Sylvia's Special Chamois Skins.

BEAUTIFULLY SOFT.

GIVE A LOVELY POLISH.

EQUALLY GOOD IN HOT OR
COLD WATER.

WASH OVER & OVER AGAIN.

NEVER BECOME STIFF.

DON'T GET STICKY.

CAN BE USED DRY OR WET.

FIRST-RATE FOR PLATE, JEWELLERY, & GLASS.

SYLVIA'S SPECIAL CHAMOIS are absolutely free from all the objections in the ordinary Chamois, and retain their **SOFT** and **SILKY** texture to the end.

Price 9/- per dozen, or 21/6 per kip of 30 Skins.

SAMPLE SKIN POST FREE FOR 10 STAMPS.

We also hold **LARGE STOCKS** of the ordinary every-day Chamois, and are offering them at the present time on exceptional terms. Samples and prices on application.

TWO MORE LINES IN CORKS

WE have recently had many inquiries for a Good Sound Cork suitable for **16-oz., 20-oz., 30-oz., 40-oz.** Bottles, also for a first-rate **WINE** Cork. We have, therefore, added these to our List, and are prepared to execute orders for same.

		12 gross	50 gross	100 gross	300 gross
"MADRID," for 1-dr., 2-dr., $\frac{1}{2}$ -oz. Vials	...	6d.	5 $\frac{1}{2}$ d.	5d.	4 $\frac{1}{2}$ d.
"FARO," for $\frac{1}{2}$ -oz., 1-oz., 1 $\frac{1}{2}$ -oz., 2-oz. Vials	...	7d.	6 $\frac{1}{2}$ d.	6d.	5 $\frac{1}{2}$ d.
"LISBON," for 3-oz., 4-oz., 6-oz., 8-oz. Bottles	...	7d.	6 $\frac{1}{2}$ d.	6d.	5 $\frac{1}{2}$ d.
"CADIZ," for 6-oz., 8-oz., 10-oz., 12-oz. Bottles	...	1s.	11 $\frac{1}{2}$ d.	11d.	10 $\frac{1}{2}$ d.
"LUGO," for 16-oz., 20-oz., 30-oz., 40-oz. Bottles	...	1/9	1/8 $\frac{1}{2}$	1/8	1/7 $\frac{1}{2}$
GINGER BEERS X.X.	...	7d.	6 $\frac{1}{2}$ d.	6d.	5 $\frac{1}{2}$ d.
GINGER BEERS X.X.X.	...	1s.	11 $\frac{1}{2}$ d.	11d.	10 $\frac{1}{2}$ d.
WINES	...	3/-	2/11	2/10	2/9
EMULSIONS	...	3/-	2/11	2/10	2/9



AYRTON & SAUNDERS
LIVERPOOL.

TOOTH POWDERS.

Special to Shippers and Large Buyers.

Carbolic (Carmine and Mauve Pink Shades)
White Rose, Pure White Rose Perfume,
Camphorated Chalk. Finest ingredients.

All the above are guaranteed harmless to the teeth and gums. Put up in tins of 7 lbs., 14 lbs., 28 lbs., 56 lbs., and 112 lbs. net; also in decorated tin boxes to retail at 1s., 6d. and 2d. For samples, prices, and terms, please write to

F. GILLESPIE & CO.

MANUFACTURERS AND MERCHANTS.

B'LLITER BUILDINGS, BILLITER ST., E.C.

for **TINS** of all kinds
 Write to **SHIRLEY BROTHERS**
& SAVE MONEY!

Stock Designs Plain & Decorated also
 Special Designs Produced.

Tins for Ointment-Vaseline-Tooth Powder
 Health Salines-Citrate of Magnesia
 Insect Powder-Horse Powders-Carbolic
 Baking Powder-Coffee-Mustard-Polishes
 Cachous-Beads, etc.

WHITECROSS WORKS, LONDON, S.E.

THE TINPLATE DECORATING CO. LD.
MELYN TIN WORKS, NEATH.
 PATENTEES & MANUFACTURERS OF

DECORATED & CRYSTALLIZED TINPLATES

**FANCY TIN BOXES & CANISTERS
 PRINTED IN COLOURS.**
**SEAMLESS DECORATED TIN BOXES
 FOR POLISHING PASTE &c**

HIGHEST AWARDS
 SYDNEY.
 BARCELONA.
 CALCUTTA.
 ADELAIDE.

BOXES **ESTABLISHED 1839** **BOXES**

ROUND, OVAL, SQUARE, or FOLDING, for the
DRUG, DRY-SALTERY, AND CONFECTIONERY TRADES.

LABELS, WHEN PRINTED TO OUR INSTRUCTIONS, WE PUT ON PILL
 AND OTHER BOXES FREE OF CHARGE.

BOXES AND CASES FOR

Baking Powder, Black Lead, Bottles, Camphor Ball, Capsules, Castor Oil, Cough Lozenges, Dispensing Powder, Eye Ointment, Fancy Boxes, Fuller's Earth, Folding Boxes, Glass Top Outers, Homoeopathic Bottles, Insect Powders, Ink Cases, Jewellery, Lozenge, Lip Salve, Magnesia, Metal Paste, Marking Ink, Nipple Shields, Night Lights, Parcel Post, Pastilles, Pills, Potash Tablets, Plasters, Salt Lemon, Seidlitz Powder, Starch Gloss, Soaps, Soda Powder, Syringes, Tapers, Tooth Powder, Violet Powder, &c.

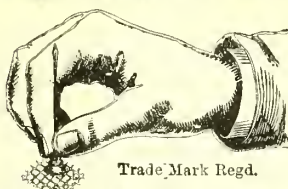
ROBINSON & SONS, LIM., **WHEATBRIDGE MILLS & CHESTERFIELD,**
HOLMBROOK WORKS,
 And 55 FANN STREET, ALDERSGATE STREET, LONDON.

THE ASSOCIATION FOR THE SUPPLY OF PURE VACCINE LYMPH.

(ESTABLISHED 1877).

12 PALL MALL EAST,
LONDON, S.W.

GLYCERINATED CALF.



Telegraphic Address—

"DARQUE LONDON."

Office Hours—

10 till 4. Saturdays, 10 till 2.

PURE AND RELIABLE.

THE NEW CHARGED PIN-POINT, PROVISIONALLY PROTECTED.

SAMPLE FREE

C. P. P.

ON APPLICATION.

This Instrument, antiseptically charged with Glycerinated Calf Vaccine (G. c. L.), supersedes the S.V. (Single Vaccination) Tubes, and by its aid alone more certain and better results have been obtained than by any other mode of Vaccination. On three occasions, at New Scotland Yard, in the revaccination of recruits, by the Surgeon of the A Division of Police, a total of 51 perfect vesicles were obtained from as many insertions. Price 6d. each, singly postage extra. Tubes, 1s. 6d.; Half Tubes, 1s.; S.V. Tubes, 6d. each. Pin-points, unchanged, 1s. doz. P.O.O. (including postage, and crossed London and Westminster Bank) with orders payable to EDWARD DARKE, Secretary.

PURE WHITE SUGAR OF MILK POWDER and CRYST.

FREDK. BOEHM, 16 Jewry Street, LONDON, E.C.

WOODRUFF'S CELLULOID SPRAY APPARATUS
FOR THE NOSE AND THROAT.

PATENTED IN ENGLAND AND ABROAD.

WRITE FOR PARTICULARS TO **T. WOODRUFF, Ph.C., WITHINGTON, MANCHESTER.**

DAY, SON & HEWITT.
Largest Makers in the World of
HORSE AND CATTLE MEDICINES.



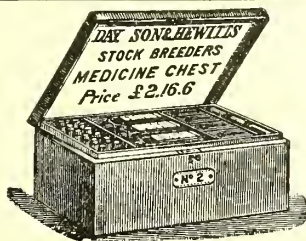
For Kicks, Cuts, Bruises, Sore Withers, Swellings, Strains of Ligaments and Tendons, Saddle Galls, &c. It rapidly relieves Straining and Paining after Calving and Lambing, and is the remedy for Swollen Udders and Sore Teats.

Price 2/6, 3/6, and 7/- per Bottle.



For all Feverish Disorders among Cattle, Sheep, and Pigs, and for Colds, Indigestion, Costiveness, Yellows, Surfetts, Loss of Oud, Hide-bound, Red Water, &c. Admirably adapted for Cleansing and checking Feverish symptoms in Cows and Ewes after Parturition, rendering the milk copious, pure, and wholesome. It acts as a safe preventive of Milk Fever.

Price (Cows), 13/- per doz. Box ;
(Ewes), 3/6 per doz. 3-doz. Box, 10/-



Complete in 3 sizes. Sent Carriage Paid.

Prices—

£6 6s., £2 16s. 6d., and £1 8s. 9d.

Liberal Discounts to Agents and Foreign Buyers.

Trade Terms and full particulars on application.

Attractive Showcards and Handbills sent with each order.



A sure remedy for the Fret, Colic, or Gripes, Influenza, Loss of Appetite in Horses. For Debility, Scour, or Diarrhoea in Horses, Cattle, and Sheep. Hoven or Blown Cattle and Sheep Instantaneously relieved.

Price 1/9 per Bottle. 20/- per doz.



For Blood Disorders in Horses, Eczema, Surfetts, Nettle-rash, Ringworm, Itching, Ill-Condition, Off Appetite, Staring Coat, and Sluggishness. Invaluable for Sterility or Barrenness in Horses and Mares, by virtue of its Phosphoric and other stimulating ingredients. Contains no injurious drug, and can be given at all times to all breeds of horses without stopping their work.

Price 5/6 per doz. Packets. 3-doz. 15/-
Sold also at reduced rates in Tins 10/6 and £1 each.

Royal Animal Medicine Manufactory, 22 DORSET STREET, LONDON, W. [Established 1833.]

An Ideal Disinfectant.

Although there is an almost unlimited number of disinfectants on the market, many of these, whilst good as disinfectants, possess a most objectionable odour, and corrode anything on which they fall. We desire to introduce a disinfectant the smell of which cannot offend the most sensitive, and which will not injure any article with which it may come into contact.

SNOWDRIFT DISINFECTANT

is what has long been desired and sought for. It destroys every kind of microbe and germ. It can be used for every purpose for which disinfectants are used, but in addition it is refreshing in the bath, and is extensively used in laundries, both for softening water and also for purifying linen. Finally, it is very cheap, as it can be diluted with water, in the proportion of from 1 to 25 to 1 to 100. Prices and all details on receipt of trade card.

Send for a Sample.

SNOWDON, SONS & CO., Ltd.,

Manufacturing Chemists,

Millwall, London, E.



HEBDEN'S SILVER GLOSS

For LINEN.

A NOVELTY AND MARVEL!

Gives Dazzling Smoothness to Linen, Shines like Silver.

In 1d., 3d., and 6d. Blocks, of the following Wholesale Houses:—

London.—Maw, Son & Thompson; Bourne, Johnson & Latimer; May, Roberts; Newbery; Barclay; Edwards; Sangers; Suttons; Butler & Crispe; Lynch; Collett & Dodds; Potter & Clarke. Plymouth.—Jackson & Co. Coventry.—Wyleys (Limited). Ipswich.—Wiggin & Son. Birmingham.—Ed. Woolf. Hull.—Lofthouse & Saltmer. Thirsk.—Foggitt. Manchester.—Woolley & Sons; Oldfield, Pattinson; Heath Bros. Leeds.—Goodall, Backhouse. Liverpool.—Thompsons (Limited); Evans; Ayrton & Saunders. York.—Raines; Bleasdale. Newcastle.—Ismay. Glasgow.—Munro; McLaren. Dublin.—M. Woolf & Son. Belfast.—P. McMullan & Co. Cork.—Bible Bros. Limerick.—Boyd (Limited).

MANUFACTURED ONLY BY

W. C. HEBDEN, Albany Works, HALIFAX, YORKSHIRE.



*A powerful Disinfectant,
Deodoriser, Insect Destroyer,
and Air Purifier.*

CAMPHORTAR

SOLD BY THE PRINCIPAL DRUG AND SUNDRY HOUSES.

HEBDEN'S

CHLORIDE OF LIME

IN

AIRTIGHT, ODOURLESS, WATERPROOF PACKETS

Retains the Chlorine and keeps the Powder dry longer than any other packet.

4 oz., 8/- GROSS; 8 oz., 16/- GROSS; 16 oz., 30/- GROSS.

SOLD BY THE PRINCIPAL DRUG AND SUNDRY HOUSES
Samples on application

Manufactured only by

W. C. HEBDEN, Albany Works, HALIFAX, YORKSHIRE.

THE UNITED ALKALI CO., LD.

30 JAMES STREET, LIVERPOOL.

CHLORINE AS A DISINFECTANT.

"CHLOROS," Hypochlorite of Soda, containing 10 per cent. available Chlorine.

The presence of 1 part "Chloros" in 100 parts of Sewage will entirely destroy all germs of Cholera, Typhoid, Diphtheria, Swine Fever, Glanders, and of many other diseases.

The presence of 1 part "Chloros" in 10,000 parts of ordinary Sewage will completely remove all smell.

"CHLOROS" is a liquid; it yields no insoluble residue, and cannot stop up drains.

"CHLORIDE OF LIME," containing 35 per cent. available Chlorine.

The Cheapest of True Disinfectants.

"SANITARY CHLORIDE OF LIME," containing 15 per cent. available Chlorine.

"SANITARY CHLORIDE OF LIME" is especially prepared for Sanitary purposes.

"SANITARY CHLORIDE OF LIME" does not become wet or sloppy on exposure to the air, and can be handled with impunity.

Sole Agents for "Chloros" & "Sanitary Chloride of Lime" to Chemists & Druggists in the United Kingdom

Messrs. EVANS, SONS & CO., LIVERPOOL.

THE UNRIVALLED EXTERMINATOR.

* VERMITE *

INSECT KILLS POWDER

COCKROACHES, BEETLES, BUGS, FLEAS, MOTHS,
GREENFLY, ANTS, VERMIN IN DOGS AND FOWLS,
ETC., ETC.

Harmless to everything except Insects.

Used by the
Admiralty,
War Office, &c.

ALL

Used on all
Steamship
Lines, &c.

As Chemists will be asked for VERMITE they should stock it immediately.

INSECTS.

Sold in 1/- Bellows (full), and 3d., 6d., 1/-, and 2/6 Tins.

STOCKED BY WHOLESALE HOUSES.

MANUFACTURERS:

JOHN CALABRESE & CO., Ltd.,

26 Billiter Buildings, Billiter Street, London, E.C.

GOLD MEDALS,
1887 & 1897.

Established 1863.

"CROWN
BRAND."

JOHNSON & HOOPER, LTD.

MANUFACTURING CHEMISTS'

Crown Works, Stratford, London, E.

ACIDS GENERALLY.

ACETIC ACID SPECIAL.

Sulphites & Bisulphites of Lime, Soda, &c.

CHLORIDES OF CALCIUM, MAGNESIUM & ZINC.

FLOWERS, ROLL & ROCK SULPHUR.

TUSON'S DISINFECTANTS,

&c., &c.

Telegrams—"KINDERSLEY LONDON" (A B O Code).
Telephone 96 Stratford.

Only to UP-TO-DATE CHEMISTS.

Your attention is called to

"KLESENE" Worm Powder for Dogs,

Which is now being extensively advertised in all the Fanciers' Papers.

THE DEMAND WILL COME. BE READY.

A WORD TO THE WISE:

SALES CERTAIN! PROFITS GOOD!!

AND NO CUTTING!!!

SELLING PRICE, 1/-; Wholesale Price, 8/- dozen,
Carriage Paid.

THROUGH THE WHOLESALE HOUSES:—

LONDON—EDWARDS'; LIVERPOOL—EVANS', THOMPSON'S; or

KLESENE LIMITED,

2 Cranborne Road, Wavertree, LIVERPOOL.

Hunyadi János

Known, after 25 years' test in the United Kingdom, as the most popular, safest, and best Natural Aperient Water, is now being supplied through the Distributing Wholesale Houses all over Great Britain and Ireland, at prices fixed by the Proprietor, Mr. Andreas Saxlehner, of Budapest, Hungary, which are as follows:—

Per Case of 25 large bottles,	22/6	.....	Per dozen,	12/-
„ „ 50 small „	35/-	.....	„ „	10/-
„ „ 25 large „	21/-	} Per 10-case lots.		
„ „ 50 small „	32/-			

For net cash.

London Agency—TRAFALGAR BUILDINGS, CHARING CROSS, W.C.

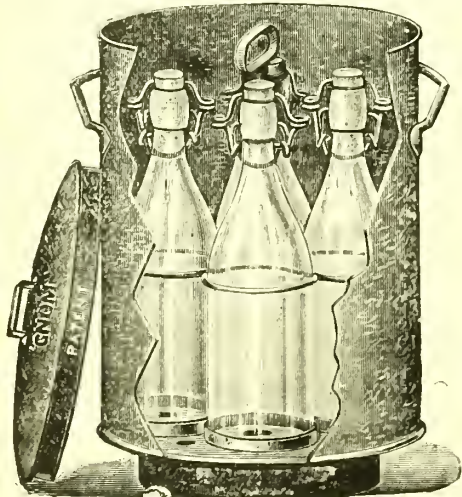
MILK IS DANGEROUS! UNLESS YOU STERILIZE IT.

Every Household should Use

THE "GNOM" PATENT Domestic Sterilizer

The great feature of this patent process of sterilization is that immediately the milk is placed in the bottle the stopper is closed—even during the sterilizing process—and must never be opened until the milk is required for use, thus rendering sterilization practically automatic. This is achieved by the patent stopper, the spring of which rises to release the pressure during sterilization, and automatically closes immediately the pressure is relieved.

SIMPLE, EFFECTIVE, and does not affect the GOODNESS or TASTE of the Milk.



Process so simple that anyone can carry it out. Of all Chemists, Ironmongers, &c.

WHOLESALE ONLY OF
L. LUMLEY & CO., 1 America Square, LONDON E.C.

HAWKSLEY'S

PATENT

MILK STERILIZERS (4 kinds).

"Not the least of their many good points is the readiness with which people . . . learn to use these Sterilizers. The credit must be assigned to the simplicity of the apparatus."

SEND FOR ILLUSTRATED PAMPHLETS

No. 1. Price, in Box with EXTRA Bottle, 1 pint, 10 6; 1 1/2 pint, 12 6.

No. 2. Price, in Box of 2 bottle apparatus, with Spirit Stove and extra bottle, £1 5s.

No. 3. Price, in Box with Food Warmer and Brush, 7 bottles, 15 -; 10 bottles, 21 -.

No. 4. With Trivet and Spirit Lamp, 3/- and 3 6 extra.

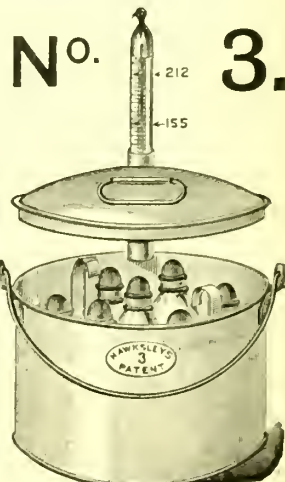
No. 3 is a modification of Dr. Budin's method of feeding Infants, suggested in the *British Medical Journal*, Dec. 7th, where each dose of food is in a separate bottle. One operation being sufficient for one day's consumption.

No. 4. Same arrangement as No. 3, but with larger (8-oz.) bottles for vigorous feeders. Price £1 1s.

See Winter Number, page 99.

May be had through any Wholesale House or direct from Sole Maker and Patentee—

HAWKSLEY, SURGICAL INSTRUMENT MAKER,
357 OXFORD ST., W.



Carlsbad (NATURAL) Salts



For the treatment of CHRONIC GASTRIC CATARRH, HYPERÆMIA of the LIVER, GALLSTONES, CHRONIC CONSTIPATION, DIABETES, RENAL CALCULI, GOUT, and DISEASES of the SPLEEN.

SPRUDEL-SALTS

(POWDER or CRYSTALS).

The *Powder* has the great advantage in not being affected by change of temperature or exposure to the atmosphere, and therefore in this form is the most reliable.

**"SPRUDEL," "MUHLBRUNNEN," OR
"SCHLOSSBRUNNEN"**

(Water) in Cases of 50 bottles.

To avoid imitations, please see that THE WRAPPEE round each bottle bears our signature

A Sample of the Salt in Powder Free to Members of the Medical Profession.



Sole Importers—INGRAM & ROYLE, LTD.

East Paul's Wharf, 26 Upper Thames Street, E.C.; and at Liverpool and Bristol.

TWO * GOOD * LINES.

PROTECTED PROFITS 30 PER CENT.

MINIMUM SELLING PRICE.

HALL'S WINE, PER CASE (1 doz.) ... 27/- ... 3/- Per Bottle.

" " " (2 doz.) ... 31/- ... 1/9 "

KEYSTONE BEEF WINE—The ONLY Wine Prepared with The Liebig Co.'s Extract.

" " " PER CASE (1 doz.) 30/- ... 3/3 Per Bottle,

" " " (2 doz.) 34/- ... 2/- "

Both these Preparations are well Advertised.

ATTRACTIVE WINDOW DISPLAYS

SENT FREE AND CARRIAGE PAID.

Handbills, Pamphlets, and other printed matter, with own name and address.

Also ARTISTIC SHOWCARDS and DUMMIES FREE, on application to Proprietors—

STEPHEN SMITH & CO., LTD., BOW, LONDON, E.

SALUTARIS

CARRIAGE PAID BOTH WAYS.



Scale	NO CUTTING OF PRICES PERMITTED. <i>Retail prices on application.</i>	NET TRADE PRICES for Cash with Order. * Cases and Bottles (returnable) charged extra as below.						In Minimum Quantities of
		Per doz. Quarts	Per doz. Pints	Per doz. Nips	Per doz. Syphons	Per gall. in Case of 2 Jars	Per gall. in Case of 4 Jars	
	London and Suburbs, within radius of Carter, Paterson & Co., who deliver Full Goods and collect Empties free of charge	2/4	1/5	1/3	4/-	7d.	6d.	1 doz. Qts., 2 doz. Pts., 4 doz. Nips, 1 doz. Syphons, 1 Case of 2 1-gall. Jars, 1 Case of 4 1-gall. Jars.
	Places distant from London							
	Not exceeding 30 miles	2/10	1/11	1/6	4/6	8d.	8d.	3 doz. Qts., 6 doz. Pts., 12 doz. Nips, 3 doz. Syphons, 4 Cases of 2 1-gall. Jars, or 2 Cases of 4 1-gall. Jars.
A	Over 30 miles	3/1	2/2	1/7	4/6	9d.	9d.	
B	" 80 "				Single dozens 6d. extra.			
C	" 130 "	3/4	2/2	1/9	4/6	10d.	10d.	6 doz. Qts., 12 doz. Pts., 16 doz. Nips, 3 doz. Syphons, 4 Cases of 2 1-gall. Jars, 2 Cases of 4 1-gall. Jars.
D	" 180 "	3/7	2/2	1/9	4/6	11d.	11d.	
E	" 250 "	3/10	2/5	1/9	4/6	1/1	1/1	
F	" 250 "	4/1	2/8	1/9	4/6	1/3	1/3	

* Deposit on Cases and Bottles (returnable) charged as follows:—1 doz. Quarts, 3/-; 2 doz. Pints, 4/-; 4 doz. Nips, 7/-; 1 doz. Syphons, 26/-; 3 doz. Quarts, 9/-; 4 doz. Pints, 8/-; 6 doz. Pints, 12/-; Case of 2 1-gall. Jars, 4/6; Case of 4 1-gall. Jars, 9/-. These amounts are refunded when the Empties are returned in good order.

Certain places served by sea are excepted from the above rates, such as Aberdeen, Belfast, Brechin, Cork, Dublin, Dundee, Edinburgh, Forfar, Glasgow, Kildare, Limerick, Londonderry, Montrose, Newbridge, Newcastle-on-Tyne, Perth, St. Andrews, Tipperary, &c., which are supplied at Scale E; Isle of Wight, Jersey, and Guernsey at Scale B; Alderney and Sark at Scale C.

SALUTARIS WATER CO.

The Distillery, 236 Fulham Road, London. S.W.

Telephone No. 629, Kensington.

Telegraphic Address: "SALUTARIS LONDON."

Increase your Trade!

SELL WINES.

LICENSES obtained without delay.

WRITE, AT
ONCE, TO **Holloway's,** WHO LOOK
AFTER YOU.

**BURGUNDIES,
PORTS,
SHERRIES,
CLARET,
CHAMPAGNES,**
&c., &c.

HOLLOWAY'S Coca Wine,
"VINERVO."

HOLLOWAY'S Meat & Malt
Wine, "VINVIRES."

HOLLOWAY'S Invalid Port
1 6 & 2 9 per bot., less 33½ per cent.

A Postcard will fetch our Price List and full particulars,
addressed to

HOLLOWAY'S WINE CO., LTD.

61 New Oxford St. & Dyott St.,
LONDON, W.C.

CHEMISTS should STOCK

"FRAME FOOD" DIET & JELLY

A Living Profit Assured.

No "Cutting" Allowed.

Maximum Discount Given to Retailers

On Orders of £2 and upwards.

Write for Trade Terms and Anti-Cutting Agreement.

A FRAMED SHOW-CARD

and Leaflets with Retailer's Printed Address, sent
on application.—(MENTION THIS PAPER).

FRAME FOOD CO. LD.
BATTERSEA, LONDON, S.W.

CAMWAL'S MEMBERS

. . WILL ALWAYS FIND . .

THE LINE CLEAR

to **SUCCESS** in the **AERATED WATER TRADE** by reason of the many advantages offered by this good System of Co-operation, chief amongst which are:—

1. Six fully equipped and up-to-date Factories giving a continuously increasing output.

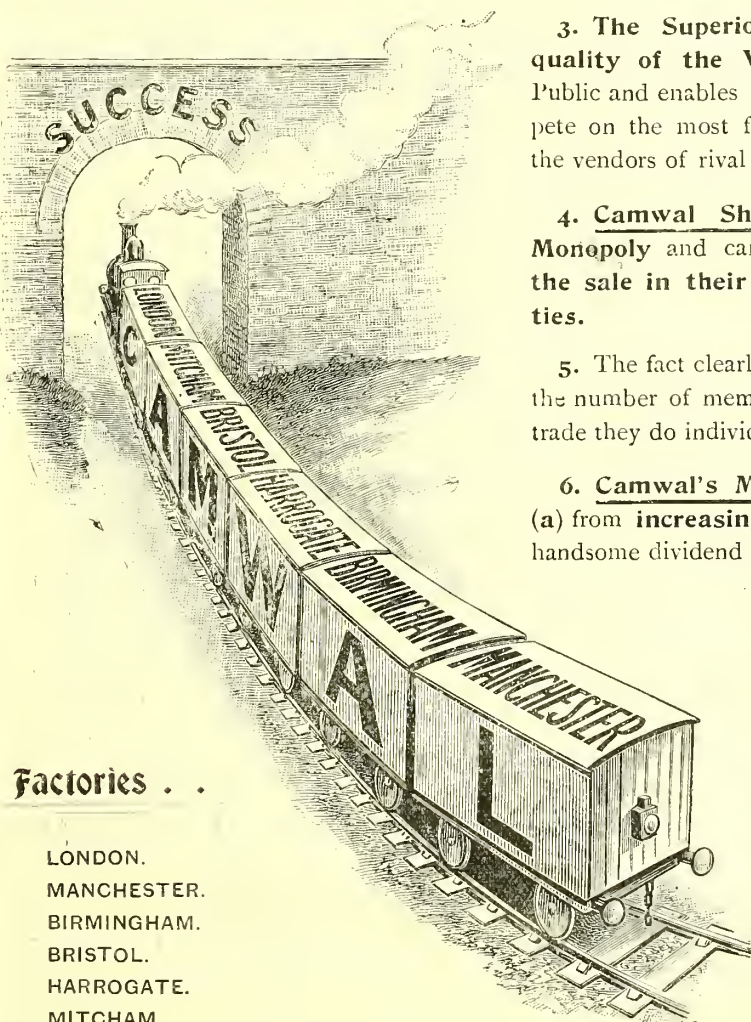
2. The "Camwal" Brand of Waters is supplied to Chemists and Hospitals only, and the Chemist is thereby protected against underselling by other retailers.

3. The Superior and unvarying quality of the Waters pleases the Public and enables the Chemist to compete on the most favourable terms with the vendors of rival Table Waters.

4. Camwal Shareholders hold a Monopoly and can practically control the sale in their respective localities.

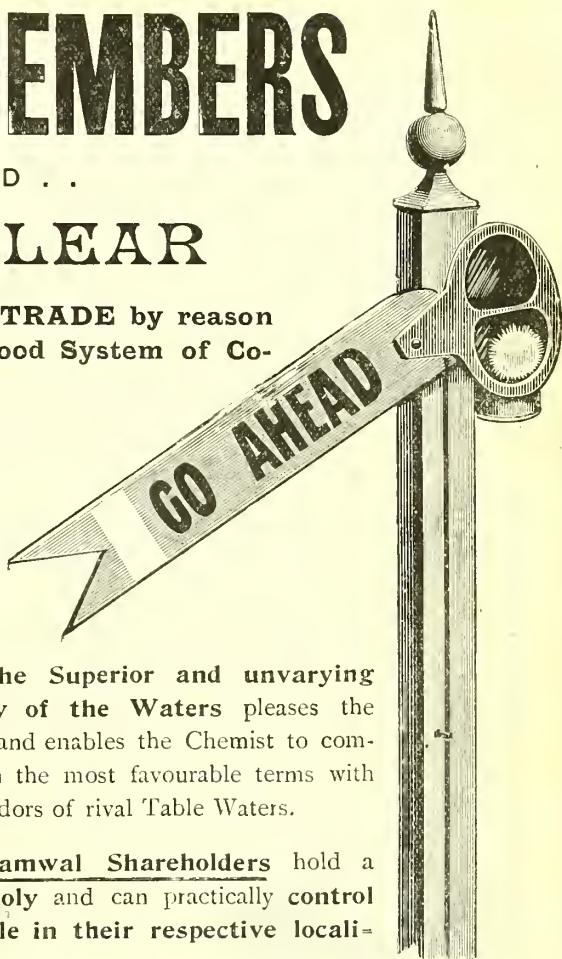
5. The fact clearly shown by our books, that the greater the number of members in any particular town, the more trade they do individually.

6. Camwal's Members derive a double income (a) from **increasing profits** on Sales, and (b) from the handsome dividend on their Shares.



Factories . .

LONDON.
MANCHESTER.
BIRMINGHAM.
BRISTOL.
HARROGATE.
MITCHAM.



Every Chemist should write for full particulars of Membership, Prices, etc., to the SECRETARY,

CAMWAL,

**45 Gifford Street,
LONDON, N.,**

or to the Manager of either of the Factories.

ROBINSON'S ORIGINAL CONCENTRATED WATERS.

ESTABLISHED 1855.

When diluted in the proportion of one part to forty parts of water at 60° temperature, they faithfully represent the Medicated Waters of the British Pharmacopœia. They are always of uniform strength, and will keep good any length of time in any climate.

Aqua Amygd. Amar. Cono. (U.S.) .. 4/- per lb.	Aqua Cassia Cono. 4/- per lb.	Aqua Menth. Virid. Conc. 4/- per lb.
" Anethi, Conoent. 4/- "	" Flor. Aurant. 8/6 "	" Pimentæ " 4/- "
" Anisi " 4/- "	" Sambuci Cono. 8/6 "	" Pulegi " 4/- "
" Camphoræ " 4/- "	" Fœniculi Cono. 4/- "	" Rosmarini " 4/- "
" Carui " 4/- "	" Menth. Pip. Cono. 4/- "	" Rosæ " 8/6 "
" Cinnam. Ver. Cono. 6/- "	" Ang. Cono. 8/- "	" Virgin " 10/6 "

The above may be had in ½-lb. or 1-lb. Bottles and upwards, through most of the Wholesale Drug Houses.

Each Bottle has the Inventor's Protection Label over the cork, without which none are genuine.

SUPERIOR ORANGE WINE (Vin. Aurantii, B.P.)

Samples of any of the above sent free on application from

B. ROBINSON, Distiller and Brewer of British Wines, Church Street. PENDLETON, MANCHESTER.

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ESTABLISHED A.D. 1730.

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(Guaranteed Prepared from Liebig's Extract of Meat).

ORANGE WINE (Vin. Aurantii, B.P.),
COCA WINE, and QUININE WINE.

A Handsomely-printed Brochure will be sent, Post Free, together with Prices and Samples, on application with Trade Card.

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BARNETT & FOSTER.

THE "COMPACT"

Soda Water Machine.

For use with Compressed Carbonic Acid Gas.

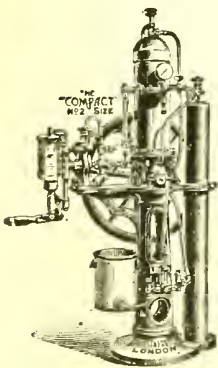
An invaluable Invention for Hotel Keepers, Chemists, &c.

A complete Soda Water Machine on One Stand.

Price, fitted with "Ideal" Turn-over Filling Machine, producing by hand power 600 dozen, by steam power 1,000 dozen, with Syrup Pump .. £47 (Without Syrup Pump £2 less.)

Ditto, as above, and also fitted with "Galway" Syphon Filling Machine £50

For other sizes see Catalogue.



The "LONDON MADE" SYPHON.



Best Bohemian Crystal Glass.
Pure Tin Tops.

NO LEAD.

(The usual size.)

Per doz.
23 oz capacity 18 -
35 oz. " 21/-

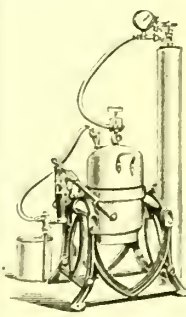
Prices of other sizes upon application.

Vases engraved from 1/- per doz.

Tops stamped free.

THE "CYLINDER"

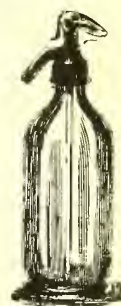
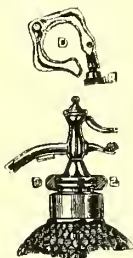
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This is a cheap Apparatus, designed for use with Compressed Carbonic Acid Gas, for serving Soda Water on the counter by means of a silver-plated counter stand.

Prices according to requirements, from £15.

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SUPERSEDES ALL OTHER SYSTEMS.

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ENGLISH MAKE—ONE QUALITY ONLY—THE BEST.

PLAIN OR PORCELAIN LINED HEADS.

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(VINUM AURANTII, B.P.), prepared in strict accordance with the Formula of the British Pharmacopoeia.

SYMONS & CO.'S Devonshire Cyder & Wines

Specially prepared for the Home & Export Trades.

BOTTLING AGENTS AND THE TRADE SUPPLIED ON LIBERAL TERMS.

CYDER IN WOOD.

	Per Gall.
Imperial Cyder (Specially prepared)	19
Apple and Blossom Cyder	16
Champagne Cyder	14
Sweet Draught	18
Medium Draught	18
Superior Dry Draught	12
Symonia (Non-Alcoholic)	10
Sydrina (Non-Alcoholic)	10

Casks charged and allowed for if returned within two months, in good condition, to same address as sent from, and advised by post.

Terms, Delivery, &c.

A Discount of 2½% will be allowed for Cash with Order. Accounts sent out Monthly.

Cyder, Perry, Symonia, and Sydrina are sent out in Cases containing 3-dozen Quarts, or 4-dozen Pints, and Casks of 14, 20, 30, 40, 60, and 116 Gallons.

Symonia and Sydrina in ½-pints, Cases of 6 dozen.

Sparkling Wines, 1 dozen Large, or 1 dozen Half-Bottles.

Prices include Bottles, but Cases are charged 1/6 per dozen extra, and allowed for if returned Carriage Paid, in good condition, within one month.

Carriage Paid to any Railway Station in England and Wales.



CYDER AND WINES IN BOTTLE.

Bottles Free, and Carriage Paid.	
	Per Doz. Bottles 1. d.
Imperial Cyder (Extra Dry). Gold Foil.	10 0
Apple and Blossom Cyder (Sweet or Dry). Silver Foil.	7 8
Champagne Cyder (Medium Dry). Red Label.	6 8
Symonia (Non-Alcoholic) ½-Pts.	8 0
Sydrina (Non-Alcoholic) do.	8 0
Imperial Perry	10 6
2/- extra per Two Dozen Half-Bottles	

"ROYAL EXCELSIOR" SPARKLING WINES.

Pale Dry Creaming (Champagne Style).	21 0
Devonshire Chablis	15 0
Devonshire Hock	15 0
Devonshire Moselle (English Rhine Brand).	24 0

3/- extra per Two Dozen Half-Bottles.

Symonia and Sydrina are the best Temperance Drinks of the day, and may be sold by Chemists.

Our Local Bottling Agents can often reduce prices in Bottle by importing in Wood, thus saving the extra Carriage, &c.

Instructions for Storing, &c.

On receipt of the case of Cyder, unpack, and stand the bottles in an upright position in a cool cellar of from 50 to 55 degrees temperature, to settle down, and return empty cases to us; or, if wanted for immediate use, in a temperature of 60 degrees, when it will get into condition, and will come out an effervescent, delicious drink, healthful and invigorating without being heady. If a dry Cyder is required, keep twelve months or more in bottle. Wines must be laid down.

TRADE DISCOUNTS ON
APPLICATION.

JNO SYMONS & CO LTD.
Totnes & DEVON.
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FRUIT MILLS, TOTNES, DEVON, ENGLAND.

FRED. FINK & CO.

10 & 11 MINING LANE, LONDON, E.C.

SPECIALITIES: Glycerine — Gum Arabic —
Gum Tragacanth — Pure Beeswax — Honey.

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MANUFACTURERS AND IMPORTERS OF

Scientific Apparatus and Pure Chemicals,

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NOW READY.

wherein New Apparatus will be found described. Sent post free to Chemists
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(White or Coloured),

WITH INSCRIPTIONS IN ANY DESIRED
TINT; ALSO PLAIN OR EMBOSSED.

"Beautifully made, and the inscriptions give them a distinction all their
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These Cachets are especially adapted for Headache, Neuralgia, & other powders

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In Nine Sizes. Also made to fit existing machines.

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Lowest Prices, Superior Workmanship. Price Lists free.

FRED. H. BARKER, DENTIST, CRIMSBY.

Barker's Premier Amalgam. The Best Stopping.

PRICE 10/- PER OZ.

THE "ITSEM" HOUSEHOLD DYE CO.

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MANUFACTURERS OF

"ITSEM" SUNBEAM CRYSTAL HOUSEHOLD DYES

UNEQUALLED FOR HOUSEHOLD WORK.

To sell at 3d. per Glass Tube. Sample free on application.



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EAU F. JOUVENCE, GOLDEN.

Producing Flaxen Golden Hair.

Gold Medal, PARIS, 1867. PHILADELPHIA, 1876.

This is a very superior article. In Bottles at 3/6, 6/-, & 10/.

All Wholesale Houses, or direct from

E. H. THIELLAY.

Parfumeur-Chimiste, Amersham Park, New Cross, LONDON, S.E.
(SHOWROOMS AT CHARING CROSS HOTEL.)

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(Made by the Benedictine Monks of Buckfast Abbey, Devon.)

CURES CANCEROUS WOUNDS, BOILS, CARBUNCLES, TUMOURS, ULCERS,
ABSCESSSES, WHITLOWS, SCROFULOUS SORES, and other similar diseases.
The ingredients and preparation of this salve are, and have been for centuries,
a secret with the Benedictine Monks of France. Its healing properties have
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SPECIFIC ANTI-BILIOUS PILLS are also supplied.

The Salve and Pills are sold in boxes, 1s. 1½d. each; post free for 1s. 2½d. each;
two boxes 2s. 4d., with full directions for use. Apply to the Rev. Procurator,
Abbey, Buckfastleigh, Devon. AGENTS WANTED.

QUALITY RIGHT! PRICE RIGHT!

*Extract of Herbs in
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Finest Beans, 8 to 9 inches ..	price 28/-, 30/- per lb.
Medium " 6 " 7 " ..	" 25/-, 27/- "
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Manufacturing quality ..	" 20/-, 22/- "

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From 2/6 to 30/-

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WHITE or COLOURED 3/-
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With Names of Drugs or Complaints 3/-

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"SWEET" PEARL COATED PILLS.
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JOHNSON & JOHNSON'S BELLADONNA PLASTER STAND G

AT THE

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Every Chemist can be his own Analyst.

We are determined to prove that many manufacturers who claim high alkaloidal strength for their Belladonna Plasters obtain this result by the use of Hyoscyamus and Scopolia—especially the latter drug.

Our process of analysis discovers the drug from which the alkaloid is compounded.

BELLADONNA PLASTERS containing the alkaloids of Hyoscyamus or Scopolia, and *not* the alkaloids of **BELLADONNA**, do not conform to the B.P., 1898. This is a serious matter for the retail Chemist, and we desire to show every Chemist how he can protect himself.

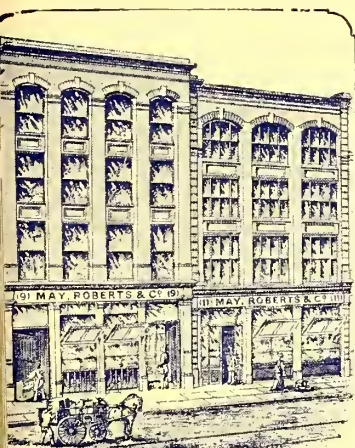
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Patent Medicines.**



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**CARRIAGE PAID.**

See Terms.

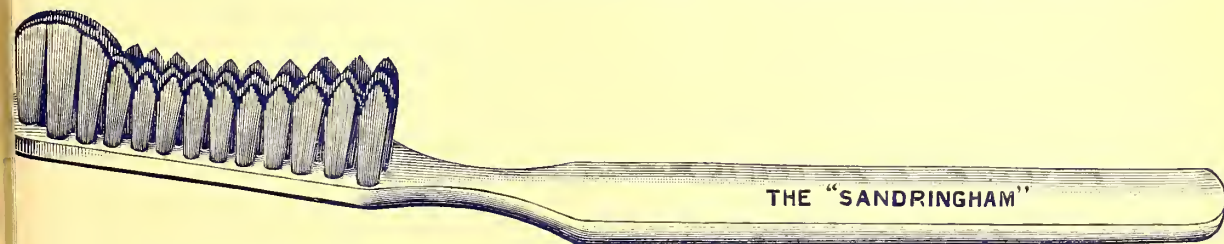
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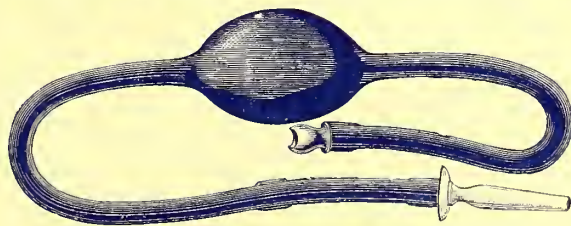
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THE BEST NATURAL  
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